

PCB CAULKING REMOVAL CLOSEOUT REPORT

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Your Trusted Advisors

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TABLE OF CONTENTS

1.0	INTR	ODUCTION AND OBJECTIVE	1
	1.1	Background [40 CFR 761.61(a)(3)(i)(A)]	1
2.0	SITE	CHARACTERIZATION	1
	2.1 2.2 2.3	Assessment Activities [40 CFR 761.61(a)(3)(i)(B)] Data Usability Assessment Results of Site Characterization [40 CFR 761.61(a)(3)(i)(C)]	4
3.0	DESC	CRIPTION OF REMEDIAL ACTION	6
4.0	СОМ	PLIANCE DETERMINATION	7
	4.1 4.2 4.3	Data Usability Assessment Verification Sampling Results of Initial Verification Sampling	9
5.0	WAS ⁻	TE DISPOSAL	10
6.0	DEED	RESTRICTION	10
7.0	CERT	ΓΙFICATION [40 CFR 761.61(a)(8)(i)(A)]	10
8.0	LIMIT	ATIONS	10

FIGURES

Figure 1 Locus Map Figure 2 Site Plan

TABLES

Table 1	Summary of Adjacent Substrate Analytical Data
Table 2	Summary of Exterior Wipe Sample Analytical Data
Table 3	Summary of Confirmatory Exterior Wipe Sample Analytical Data
Table 4	Summary of Compliance Monitoring Exterior Wipe Sample Analytical Data

APPENDICES

Appenaix A	Site Photographs
Appendix B	Laboratory Analytical Reports
Appendix C	Waste Disposal Documentation
Appendix D	Certifications
Appendix E	Pilot Study Work Plan
Appendix F	Monitoring and Maintenance Implementation Plan
Appendix G	Draft Deed Restriction
Appendix H	Additional Limitations

1.0 INTRODUCTION AND OBJECTIVE

Resource Control Associates, Inc. (Resource Controls) has prepared this PCB Caulking Removal Closeout Report for the property located at 1 Worrell Street in Dorchester, Massachusetts (the Site). This report describes the removal activities conducted at the Site property in response to the identification of polychlorinated biphenyl (PCB) containing caulking in July of 2009.

Based on the results of Site investigation activities conducted during the spring of 2010, a Risk-based Cleanup and Disposal of PCB Waste Plan was submitted to the United States Environmental Protection Agency (USEPA) on July 9, 2010.

The purpose of this Closeout Report is to document the implementation of the removal activities described in the Risk-based Cleanup and Disposal of PCB Waste Plan.

A Locus Map showing the location of the Site relative to pertinent geographic features is included in Figure 1. A Site Plan and Air Monitoring Site Plan depicting work areas are reflected in Figure 2.

1.1 Background [40 CFR 761.61(a)(3)(i)(A)]

Boston Public Schools had scheduled the Murphy School for regular maintenance that included reapplying of caulking to masonry joints. To support these maintenance efforts, Yee Consulting of Stoughton, Massachusetts was retained to collect samples of the caulking to determine if the materials contained asbestos. Due to the emerging concern of PCB in caulking, Yee Consulting also submitted caulking samples to Con-Test Analytical Laboratories for analysis for PCBs. Various concentrations of PCBs were found in the samples analyzed ranging from none detected to 78.9 milligrams per kilogram (mg/kg). The samples were found not to contain asbestos. A copy of the report from Yee Consulting was submitted in the Risk Based Plan. Materials suspect of containing PCBs that may be impacted by the scheduled maintenance include masonry caulking, window putty and brown asphalt sealant on flashing. Adjacent substrate materials that may have been contaminated with PCBs include brick, mortar, concrete windowsills, window surrounds and foam backing in masonry joints.

2.0 SITE CHARACTERIZATION

As a follow-up to the aforementioned Yee assessment, Resource Controls collected caulking, soil and wipe samples to characterize potential PCB-containing materials at the Site consistent with the requirements of 40 CFR 761.61(a)(3). The assessment activities were conducted in several phases. Initially, the interior and exterior of the school building present at the Site was visually inspected to identify the types (i.e. color, texture, etc.) and applications (i.e. window, door, horizontal masonry joint, etc.) of caulking present. The condition of each caulking observed was noted. Notes on the observation of the sealants observed were included in Tables 1 & 5 of the Risk Based Plan. The sealants observed in the areas to be impacted by the proposed water proofing project at the Site included caulking (several varieties), window putty to hold the glazing in place and a flashing sealant located along the rectangular windows.

Following the visual inspection of the Site, Resource Controls then collected samples for laboratory analysis. A sample of each caulking type was collected and submitted for laboratory analysis to determine if PCBs were present. Soil samples were collected in biased locations below areas where deteriorated caulking was observed or where potentially repaired caulking was observed to be demonstrative of "worst-case" locations. Other soil samples were also collected for general site characterization. Wipe samples were collected from below or adjacent to areas where deteriorated caulking was observed.

Once the results of the initial sampling event were received and reviewed, Resource Controls remobilized to the Site to collect additional samples to address data gaps in the previous assessment. During that remobilization, additional caulking, soil and wipe samples were collected.

Based on comments from the U.S. EPA on the initial Self-implementing On-Site Cleanup & Disposal of PCB Waste Plan dated February 8, 2010, a pilot removal study and additional assessment activities were conducted at the Property.

2.1 Assessment Activities [40 CFR 761.61(a)(3)(i)(B)]

2.1.1 Initial Assessment Activities

Resource Controls conducted site inspections and sampling on July 1 and 20, 2009. Resource Controls has significant experience in the assessment of building materials and soil. Included in the field team were two U.S. EPA accredited asbestos inspectors who have conducted hundreds of building materials surveys. The Resource Controls field team was also experienced in conducting environmental site assessments that include the collection of soil samples for laboratory analysis.

The caulking samples collected were a minimum of four (4) inches in length and the samples were collected in depth to the applied substrate (i.e. brick, concrete, etc.). The samples were collected with hand tools (i.e. utility knives, needle-nose pliers, ¼ inch chisel, etc.). The hand tools were decontaminated prior to the collection of each sample with hexane followed by a wash with Liqui-Nox. The samples were collected in clean jars provided by the laboratory. The samples were labeled in the field and preserved on ice. The samples were transported to the laboratory under standard chain-of-custody protocol. The caulking samples were submitted to Con-Test Analytical Laboratory of East Longmeadow, Massachusetts and were extracted by USEPA Method 3540C (Soxhlet Extraction) and analyzed by EPA Method 8082. Laboratory analytical results were summarized in Tables 1 and 5 of the Risk Based Plan and compared to the U.S. EPA Regulated PCB Concentration of 50 mg/kg. Copies of the laboratory reports were also submitted in the Risk Based Plan. Following the collection of the caulking samples, the area was repaired with a clear, silicone based caulking.

Soil samples were collected in depth intervals of approximately six (6) inches. Samples were collected from the surface grade to a depth of approximately 0.5 feet below the surface grade to assess for impacts to the soil by the deteriorated caulking. In several areas, additional soil samples were collected from 0.5 feet to 1.0 feet below the surface grade and 1.0 feet to 1.5 feet below the surface grade. The soil samples were collected with a four (4) inch diameter hand auger that was decontaminated with hexane followed by a wash with Liqui-Nox prior to collection of each sample. All soil samples were labeled in the field, collected in clean, appropriately preserved glassware and transported to the laboratory under standard chain-of-custody protocol. The soil samples were submitted to Con-Test Analytical Laboratory and were extracted by USEPA Method 3540C (Soxhlet Extraction) and analyzed by EPA Method 8082. Laboratory analytical results were submitted in Table 4 of the Risk Based Plan and compared to the U.S. EPA Unrestricted Use Clean-up Level of 1 mg/kg under 40 CFR 761.61(a) for bulk PCB remediation waste and the applicable MassDEP Massachusetts Contingency Plan (MCP) Method 1 Soil Standards of 2 mg/kg. Copies of the laboratory reports were also submitted in the Risk Based Plan.

Wipe samples were collected from asphalt, concrete, brick, metal and painted surfaces utilizing sterile gauze and hexane in accordance with "Wipe Sampling and Double Wash/Rinse Cleanup as recommended by the Environmental Protection Agency PCB Spill Cleanup Policy" dated April 18, 1991. All wipe samples were labeled in the field and transported to the laboratory under standard chain-of-custody protocol. The wipe samples were submitted to Con-Test Analytical Laboratory and were extracted by USEPA Method 3540C (Soxhlet Extraction) and analyzed by EPA Method 8082. Laboratory analytical results were submitted in Tables 3 & 4 of the Risk Based Plan, as are lab reports.

2.1.2 Pilot Test & Additional Assessment Activities

During the week of April 19, 2010, Resource Controls and Triumvirate Environmental, Inc. (Triumvirate) of Somerville, Massachusetts conducted a pilot removal study and additional assessment related to PCB-containing materials. The pilot removal study activities consisted of seven areas surrounding the building where removal techniques were evaluated or additional samples were collected from caulking and adjacent substrate material. The locations of these seven areas are shown on Figure 2. Areas were chosen for the pilot removal study based on the presence of confirmed PCB-containing material as identified during the initial assessment activities or areas that were determined to be representative of conditions present at the Property. Additional areas were chosen for assessment purposes that were not able to be accessed during the initial assessment activities due to height restrictions that were now accessible with the equipment mobilized to the Property for the pilot removal study.

Triumvirate conducted the pilot removal study in accordance with the Pilot Study Work Plan dated April 14, 2010 included as Appendix E. A brief description of the work practices conducted by Triumvirate during the pilot removal study is as follows:

- Equipment and personnel were mobilized to the Property;
- A containment structure was erected on the working platform of the boom lift to be utilized for the study;
- A drop cloth consisting of six-millimeter thick, polyethylene sheeting was placed along the building in the work area;
- Equipment and personnel were then loaded into the containment area on the lift's working platform;
- Resource Controls collected a pre-work wipe sample of the area;
- Several manual removal techniques were tried to determine the most effective method for removing the PCB-containing material;
- All waste generated during the pilot removal study was properly containerized for transportation off-site for disposal;
- Once the evaluation of removal techniques was complete, Triumvirate decontaminated surface within two (2) feet of the work area with a single rinse of Integrated Technologies "Capsur" PCB Extraction System;
- Resource Controls collected a post-work wipe sample of the area and any additional caulking or substrate material samples. Sampling equipment was decontaminated with Capsur prior to collecting each sample;
- The lift platform and all tools utilized in the pilot removal study were decontaminated with Capsur;
- The drop cloth was removed and containerized for transportation off-site for disposal, and;
- Resource Controls and Triumvirate visually inspected the area to ensure that no residual caulking had migrated below the drop cloth.

During the pilot removal study, samples of caulking and wipe samples were collected as previously discussed and were submitted to Con-Test for laboratory analysis for PCBs under standard chain-of-custody protocol. Samples of adjacent substrate were collected in clean glassware and also submitted to Con-Test for laboratory analysis for PCBs under standard chain-of-custody protocol. Laboratory analytical results dated in April are summarized in Table 1 and compared to the U.S. EPA Regulated PCB Concentration of 50 mg/kg or the U.S. EPA Unrestricted Use Clean-up Level of 1 mg/kg under 40 CFR 761.61(a) for bulk PCB remediation waste. Copies of the laboratory reports are included as Appendix B.

During the pilot removal study, Resource Controls conducted air monitoring within the containment and the perimeter of the work area. The air monitoring within the work area consisted of the collection of low volume polyurethane foam (PUF) samples. The low volume PUF samples were submitted to Con-Test for laboratory analysis for PCBs in accordance with U.S. EPA Method TO-10A under standard chain-of-custody protocol. Copies of the laboratory reports are included as Appendix B.

The air monitoring conducted along the perimeter of the work area consisted of PM10 dust monitoring and the collection of high volume PUF samples. The high volume PUF samplers were setup on the upwind and downwind perimeter of the work area based on the prevailing wind direction observed during the pilot removal activities. The high volume PUF samples were submitted to Con-Test for laboratory analysis for PCBs in accordance with U.S. EPA Method TO-10A under standard chain-of-custody protocol. Copies of the laboratory reports are included as Appendix B. The PM10 dust monitoring consisted of two (2) TSI DustTrak Aerosol monitors also set up on the upwind and downwind perimeters to monitor the particulate dust along the perimeter of the work area. Each unit was factory calibrated and set with an alarm level at 0.1 mg/cubic meter; the action level for dust on site was calculated to be 0.1 mg/cubic meter as further discussed in Section 4.2 of this document.

Based on the results of the post-work wipe sample W-106 Post and the samples of the adjacent substrate samples, a second mobilization of the pilot removal study was conducted on May 22, 2010. The purpose of the second mobilization was to conduct a second wash with the Capsur and collect additional samples of the adjacent substrate materials to determine the extent of the contamination detected in the adjacent substrate materials. Triumvirate again mobilized equipment and personnel to the Property and the work areas and containment were prepared as described above. Following the preparation activities, Triumvirate conducted a second wash of the areas previously impacted by the pilot removal activities. Resource Controls collected a "re-clean" wipe sample from W-106.

Following the second wash activities, samples were collected of the adjacent substrate materials to determine the extent of the PCB contamination. Samples were collected at six-inch and twelve-inch intervals from the PCB-containing caulking. Samples were collected following the "Draft Standard Operating Procedure for Sampling Concrete in the Field" prepared by U.S. EPA Region 1 dated December 30, 1997. Sampling equipment was decontaminated with Capsur prior to collecting each sample. Samples of adjacent substrate were collected in clean glassware and submitted to Con-Test for laboratory analysis for PCBs under standard chain-of-custody protocol. Laboratory analytical results are summarized in Table 2 and compared to the U.S. EPA Unrestricted Use Clean-up Level of 1 mg/kg under 40 CFR 761.61(a) for bulk PCB remediation waste. Initially, only the six-inch extent samples were analyzed and the twelve-inch samples would only be analyzed in the event that PCBs were detected in the six-inch samples.

2.2 Data Usability Assessment

The following sections describe the selection of sample locations, sample collection methods, and the results of the characterization data. A figure depicting the locations of all soil samples collected by Resource Controls is presented as Figure 1.

A data quality assessment was conducted to evaluate the usability of the site characterization data. The results were validated by a review of sample custody, holding times, surrogates, method blanks, matrix spike/matrix spike duplicates, laboratory control samples, and field duplicates. The assessment was performed in general conformance with USEPA Region I Guidelines and the Quality Control Guidelines.

The laboratory analyzed quality assurance samples (i.e. duplicates, matrix spikes, etc.) as document in the laboratory analytical reports included in Appendix B. Accuracy of the analytical data was assessed by reviewing recoveries for matrix spikes (MS), matrix spike duplicates (MSD), surrogates, laboratory control samples (LCS) and laboratory control sample duplicates (LCSD). All MS/MSD analyses met acceptance criteria for relative percent difference. Appropriate data qualifiers were applied to the laboratory results for these samples. The laboratory control samples were in control for all analytes in all data packages. Representativeness of the data was evaluated qualitatively utilizing site use information and historical sampling data.

Consistent procedures and laboratory analysis of the data were achieved. Sample containers were packed on ice and were accompanied by complete chain of custody forms from the time of sample collection until laboratory delivery.

No analytes were detected in the laboratory batch blank analysis, indicating that there were no interferences introduced at the laboratory during sample analysis. All quality control criteria for initial calibration and calibration verification were within acceptable limits.

The data packages were reviewed to ensure that all sample and associated quality assurance results were available. The completeness review indicated that all collected samples were analyzed and all quality control results were available to complete the data validation process. Based on a review of the existing site data, the data adequately represents the materials tested, and the samples collected to date are considered usable for the purposes of characterizing PCB-affected media in accordance with 40 CFR Part 761.

2.3 Results of Site Characterization [40 CFR 761.61(a)(3)(i)(C)]

2.3.1 Building Exterior

As shown in Table 1 of the Risk Based Plan, PCBs were detected in various exterior caulking in concentrations ranging from 49 to 3,600 mg/kg. The materials identified as PCB-containing at the Property are as follows:

- Light gray caulk, thick bead, on interior corner expansion joints;
- Dark gray caulk between concrete and bricks at semicircle windows;
- Dark gray caulk between concrete sills and brick at rectangle windows and window boxes, and;
- Dark gray caulk in vertical expansion joints.

The estimated quantities of these materials are included in Table 1 of the Risk Based Plan. For sample location details refer to the Risk-Based Cleanup and Disposal of Polychlorinated Biphenyl (PCB) Waste Plan.

Also as shown in Table 1 of the Risk Based Plan, low concentrations of PCBs were detected in light gray caulking around a vent on the south wall in pilot area 2 and in the brown flashing sealant above the long, rectangular window in pilot area 1 at 0.3 and 0.51 mg/kg, respectively. It is Resource Controls opinion that these items should be considered excluded PCB products in accordance with the definition provided in 40 CFR 761.3 since these materials were applied prior to 1984 low concentrations are likely the result of cross contamination at the time of application and would be considered a historic PCB use. However, this was removed during the remedial activities.

As shown in Table 2 of the Risk Based Plan, PCB contamination was detected in several adjacent substrate materials at concentrations ranging from 0.26 to 150 mg/kg. The adjacent substrate materials identified as PCB-contaminated at the Property are as follows:

- Yellow foam backing in interior corner expansion joints;
- Brick and mortar adjacent to dark gray caulk, and;
- Concrete sills at rectangle windows and window boxes.

The results of all of the brick, mortar and concrete samples collected six inches away from the PCB-containing caulk did not contain PCBs at a concentration above the laboratory detection limit of 0.1 mg/kg. Based on the preceding, it does not appear that contamination in the adjacent brick, mortar or concrete has migrated more then six inches from the PCB-containing caulk.

As shown in Table 3 of the Risk Based Plan, low concentrations of PCBs were detected in the post-removal wipe sample W-106Post. This sample was collected adjacent to dark gray caulking applied to vertical expansion joints that was found to contain PCBs at a concentration up to 3,600 mg/kg and was collected following pilot removal activities and one wash with Capsur.

During the second mobilization for the pilot removal activities, the area was washed for a second time with Capsur and a wipe sample was collected following the second wash. No PCBs were detected in the wipe sample collected after the re-cleaning effort.

As shown in Table 4 of the Risk Based Plan, various concentrations of PCBs were detected in soil samples SS-8, SS-8B and SS-8C below the U.S. EPA Unrestricted Use Clean-up Level for bulk PCB remediation waste and the applicable MassDEP Massachusetts Contingency Plan (MCP) Method 1 Soil Standards.

2.3.2 Building Interior

As shown in Table 5 of the Risk Based Plan, low concentrations of PCBs were found in white, intact caulking applied around square and rectangular windows in the buildings stairwells. The concentration of 1.7 mg/kg was well below the U.S. EPA Regulated PCB Concentration of 50 mg/kg. It is Resource Controls opinion that this item should be considered excluded PCB products in accordance with the definition provided in 40 CFR 761.3 since these low concentrations are likely the result of cross contamination at the time of application materials were applied prior to 1984 and would be considered a historic PCB use.

As shown in Table 6 of the Risk Based Plan, no PCBs were detected in any of the interior wipe samples.

2.3.3 Air Monitoring

During the pilot removal study, Resource Controls conducted several types of air monitoring that included low volume PUF, high volume PUF and total dust. A summary of the results of the air monitoring is as follows:

- With the exception of the low volume sample PUF collected from within the containment on April 21, 2010, no PCBs were detected in the low volume PUF samples collected;
- PCBs were detected in the low volume PUF samples collected on April 21, 2010 at a concentration of 0.00029 milligrams per cubic meter (mg/m³), which below the OSHA Permissible Exposure Limit of 1 mg/m³ and the NIOSH Recommended Exposure Limit of 0.001 mg/m³;
- No PCBs were detected in the high volume PUF samples collected, and:
- The downwind increase in total dust as measured by the Dusttrack PM10 monitors was less then the calculated action level for dust of 0.1 mg/cubic meter.

3.0 DESCRIPTION OF REMEDIAL ACTION

Removal activities were conducted by Triumvirate Environmental, Inc. (Triumvirate) of Somerville, Massachusetts under the supervision of Resource Controls personnel. Photographs showing various phases of the remedial activities are included in Appendix A.

All PCB-containing caulking was removed, except as described below, and all removal activities were conducted with appropriate engineering controls in place. These activities were accomplished utilizing manual removal methods. Engineering controls (i.e. containment) were employed to ensure that no fugitive dust escaped the work area or contaminated adjacent areas of the building or property during the caulking removal.

Following the removal of the PCB-containing caulking, the surface adjacent to the work area was decontaminated with Integrated Technologies "Capsur" PCB extraction system ("Capsur"). A double wash of all surfaces within six inches of the caulking was conducted. The equipment used for caulking removal was decontaminated with Capsur after each use.

All rags, personal protective equipment (PPE), and other materials resulting from the removal and decontamination processes were containerized and disposed of in accordance with applicable regulations. The decontamination process was conducted in such a manner as to minimize the potential for cross contamination of other areas.

PCB-contaminated adjacent substrates were encapsulated by two (2) layers of solvent resistant and water repellent coatings of contrasting colors. The outer layer of the encapsulant is tan to correspond with the painted areas of the building. The layer beneath this is gray. The coatings extend a minimum of two (2) inches beyond the area of residual impacts. The area encapsulated extends six inches from the removed PCB-containing caulking and is from the ground surface to a height of approximately ten (10) feet and/or where residual contamination is above 25 parts per million. The encapsulant used was Sikagard 670W or equivalent.

The alternative method for areas at a height of above 10 feet above the ground and where residual contamination was less then 25 parts per million, the encapsulation is two (2) layers of a clear solvent resistant and water repellent coating. Since the clear encapsulant does not provide a clear, visual indication of the wear, additional wipe samples were collected to ensure that the encapsulant remained affective. The clear encapsulant used was Sikagard 670W Clear or equivalent.

The sequence of the application of the encapsulant and the re-caulking of the building was performed in accordance with the manufacturer specifications and recommendations. This sequence included the placement of two (2) layers of the Sikagard 670W within the "throat" of all expansion joints and around window and door perimeters to be caulked. The caulking was then applied within a specified time period in accordance with the manufacturer. Following the application of the caulking, the adjacent areas to the caulking were encapsulated with two (2) layers of either the colored or clear encapsulant.

Where caulking was inaccessible it was left in place and is identified in the MMIP prepared for the site. The areas where caulking was not removed are as follows:

- Behind an electrical disconnect box;
- Underneath the metal window overhang along Roof Wall 5:
- Behind a high temperature pipe in the corner of Wall 18 and Wall 19.

Photographs of these locations are provided in Appendix A.

Non-PCB-containing caulking at the building was also removed by Triumvirate Environmental. Similar work practices were used; however, the engineering controls were not employed.

These activities are summarized below:

- On July 19, 2010 Triumvirate began mobilizing equipment to site for Phase I work. RCA was onsite to implement the air sampling strategy.
- Starting on July 29, 2010 Triumvirate initiated removal activity of the PCB caulking at Wall 8.
- Phase I finished on September 3, 2010.
- On September 7, 2010 Phase II removal work began and continued through October 5, 2010.
- Phase III roof work removal commenced on October 26, 2010 and was completed on November 23, 2010.
- Phase IV included addressing the punch list of uncompleted or deficient work and was completed on April 29, 2011 (Delayed due to winter conditions).

4.0 COMPLIANCE DETERMINATION

PCB-containing caulk was remediated under a Risk-Based Cleanup & Disposal of PCB Waste Plan in accordance with 40 CFR 761.61(c). The remedial goals for the Risk-Based Cleanup & Disposal of PCB Waste Plan for the Site were as follows:

- Minimize the potential human receptor exposure to the PCB-containing caulking and residual PCB-contaminated adjacent substrates by reducing the opportunity for exposure via inhalation, ingestion or dermal contact to PCBs at the Site, and;
- Minimize the potential for a release to the environment from the PCB-containing caulking and residual PCB-contaminated adjacent substrates by removing the source material for PCBs and encapsulating and monitoring the residual PCBs.

To reduce the potential for human receptors being exposed to PCBs and the PCBs being released to the environment, the source material (i.e. PCB-containing caulking) was removed and the residual PCB-contaminated substrate was managed in-place in a manner that is protective of human health and the environment.

The general process of the remediation activities were as follows:

- Work zones were established, drop cloth placed below work area, vents, windows and doors sealed with polyethylene sheeting and temporary containment on movable lift platform constructed;
- PCB-containing caulking removed;
- Adjacent substrates were decontaminated via double wash with Capsur or equivalent;
- New caulking installed;
- Substrate material (i.e. brick, mortar and concrete) adjacent to the removed PCB-containing caulking was encapsulated;
- Containment, drop cloth and polyethylene sheeting removed, and;
- Areas returned to Boston Public Schools control to be monitored under Monitoring & Maintenance Implementation Plan (MMIP).

PCB-contaminated substrates, such as brick, mortar and concrete that are structural components of the building were managed in place to reduce the risk of potential exposure. This management included the encapsulation of the PCB-contaminated substrates and the implementation of an MMIP. The MMIP ensures that the engineering controls used to reduce the risk of exposure are maintained and remain in place until the PCB-contaminated substrate materials are removed and properly disposed of off-site during any future renovation or demolition activities. The primary exposure to the PCB-contaminated substrate is likely to occur close to the ground surface around the exterior of the building. The encapsulation of the PCB-contaminated substrate with the two layers of epoxy serves as a barrier to prevent human receptors from contacting the PCBs. As such, the encapsulation of the contaminated substrate material where PCB-containing caulking was removed reduces human exposure to PCBs in compliance with the remedial goals for the project. Based on the location and the concentrations of residual PCBs, both two layers of contrasting color and two layers of clear epoxy have been used at the Site.

The PCBs present in the contaminated substrate material have the potential to leach out from the substrate material and be released to the environment via transport by rainwater on the exterior of the building. However, the results of wipe and soil samples collected at the Site indicate that this is not currently resulting in any significant concentrations being released to the environment. The removal of source material and encapsulation of the adjacent substrate material should reduce the potential for the release to the environment. It is Resource Controls opinion that the measures conducted at the Site are adequate to prevent exposure to the residual PCBs present in the contaminated substrate and prevent a release to the environment. As such, the encapsulation and management in-place of the PCB contaminated substrate material does not pose an unreasonable risk of injury to human health or the environment.

4.1 Data Usability Assessment

The following sections describe the selection of sample locations, sample collection methods, and the results of the verification data. A figure depicting wall areas where wipe samples were collected by Resource Controls is presented as Figure 2.

A data quality assessment was conducted to evaluate the usability of the site verification data. The results were validated by a review of sample custody, holding times, surrogates, method blanks, laboratory control samples, and field duplicates. The assessment was performed in general conformance with USEPA Region I Guidelines and the Quality Control Guidelines.

The laboratory analyzed quality assurance samples (i.e. duplicates, blank, etc.) as document in the laboratory analytical reports included in Appendix B. Accuracy of the analytical data was assessed by reviewing recoveries for surrogates, laboratory control samples (LCS) and laboratory control sample duplicates (LCSD). Appropriate data qualifiers were applied to the laboratory results for these samples. The laboratory control samples were in control for all analytes in all data packages. Representativeness of the data was evaluated qualitatively utilizing site use information and historical sampling data.

Consistent procedures and laboratory analysis of the data were achieved. Sample containers were packed on ice and were accompanied by complete chain of custody forms from the time of sample collection until laboratory delivery. No analytes were detected in the laboratory batch blank analysis, indicating that there were no interferences introduced at the laboratory during sample analysis. All quality control criteria for initial calibration and calibration verification were within acceptable limits.

The data packages were reviewed to ensure that all sample and associated quality assurance results were available. The completeness review indicated that all collected samples were analyzed and all quality control results were available to complete the data validation process. Based on a review of the existing site data, the data adequately represents the materials tested, and the samples collected to date are considered usable for the purposes of verification of PCB-affected media in accordance with 40 CFR Part 761.

4.2 Initial Verification Sampling

On December 12, 2010, upon completion of a majority of remediation activities (exclusive of punch list items) and following curing of the clear and colored epoxy encapsulants, Resource Controls collected initial verification wipe samples. Samples were collected in accordance with the provisions provided in the MMIP. Refer to the Attachment 1 for MMIP details.

A total of 63 wipe samples, including three (3) field duplicate samples were collected from clear and colored epoxy encapsulant surface locations, such as corner joints, concrete window casings, concrete windowsills and brick wall vertical joints. Wipe samples were collected utilizing sterile gauze and hexane in accordance with "Wipe Sampling and Double Wash/Rinse Cleanup as recommended by the Environmental Protection Agency PCB Spill Cleanup Policy" dated April 18, 1991. All wipe samples were labeled in the field, collected in clean glassware, preserved on ice and transported to the laboratory under standard chain-of-custody protocol. The wipe samples were submitted to Con-Test Analytical Laboratory and were extracted by USEPA Method 3540C (Soxhlet Extraction) and analyzed by EPA Method 8082.

4.3 Results of Initial Verification Sampling

Results of the analysis of the initial verification wipe samples are summarized in Table 3 and lab reports are presented in Appendix B. According to the analytical reports, no PCBs were identified in the wipe samples above the laboratory reporting limits (RLs). Further, the laboratory's RLs were below the applicable US EPA high occupancy cleanup standards, which was selected in accordance with 40 CFR 761.61(a) of the Code of Federal Regulations (CFR).

5.0 WASTE DISPOSAL

A total of approximately 4,753 kilograms of PCB impacted solids and 100 kilograms of PCB impacted liquids were generated from remedial activities conducted at the Site. From May 6, 2010 through January 11, 2011, Triumvirate transported a total of approximately 653 kilograms of PCB impacted solids stored into four (4) 55-gallon drums and five (5) cubic yard boxes and 100 kilograms of PCB impacted liquids stored into one (1) 55-gallon drum to their facility in Astoria, New York under Uniform Hazardous Waste Manifests (Manifest No.002863897FLE, No.003167058FLE, No.003534701FLE, and No.004200959FLE, respectively) for disposal. From September 21, 2010 through January 7, 2011, Triumvirate transported a total of approximately 4,050 kilograms of PCB impacted solids stored into 25 cubic yard boxes to EQ-Wayne Disposal, Inc. in Bellville, Michigan under Uniform Hazardous Waste Manifests (Manifest No.003538535FLE, No.003538752FLE, No.004198920FLE, and No.004200960) for disposal. Copies of the manifests used to document the transportation and disposal of the PCB impacted solids are provided in Appendix C.

6.0 DEED RESTRICTION

Since PCB-contaminated substrate material will remain at the Site following the completion of the remedial activities described in this document, a deed restriction shall be placed on the Site at the Registry of Deeds. The deed restriction shall be filed within 60 days of the completion of the remedial activities. However, prior to filing the deed restriction, a copy shall be provided to the U.S. EPA Region 1 PCB Coordinator for review.

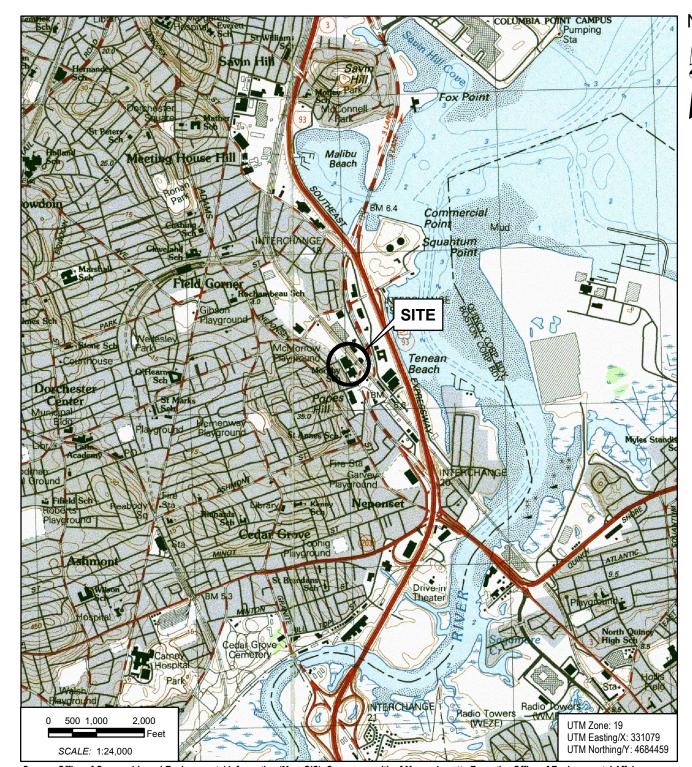
7.0 CERTIFICATION [40 CFR 761.61(a)(8)(i)(A)]

A certification, signed by the Mr. Jeff Lane of Boston Public Schools as representative to the owner, stating that a recorded notation on the deed to the property, or on some other instrument which is normally examined during a title search, that will in perpetuity notify any potential purchaser of the property of the existence of a cap and the requirement to maintain the cap and of applicable cleanup levels left at the site is on file and available for U.S. EPA review at the location designated in the certification. A copy of the certification is included as Appendix D.

8.0 LIMITATIONS

This report in total has been prepared on behalf of and for the exclusive use of Boston Public Schools, solely for use in an environmental evaluation of the subject property. This report or any part thereof, may not be altered, used, relied upon or reproduced by any party other than Boston Public Schools, without first obtaining written permission from Resource Control Associates, Inc. Conclusions stated herein are based on the available information summarized herein and refer only to the specific subject property investigated. No warranty is implied or given and the report is subject to the agreement for the work, including the Standard Terms and Conditions attached to said agreement, as well as Additional Limitations bound herein.





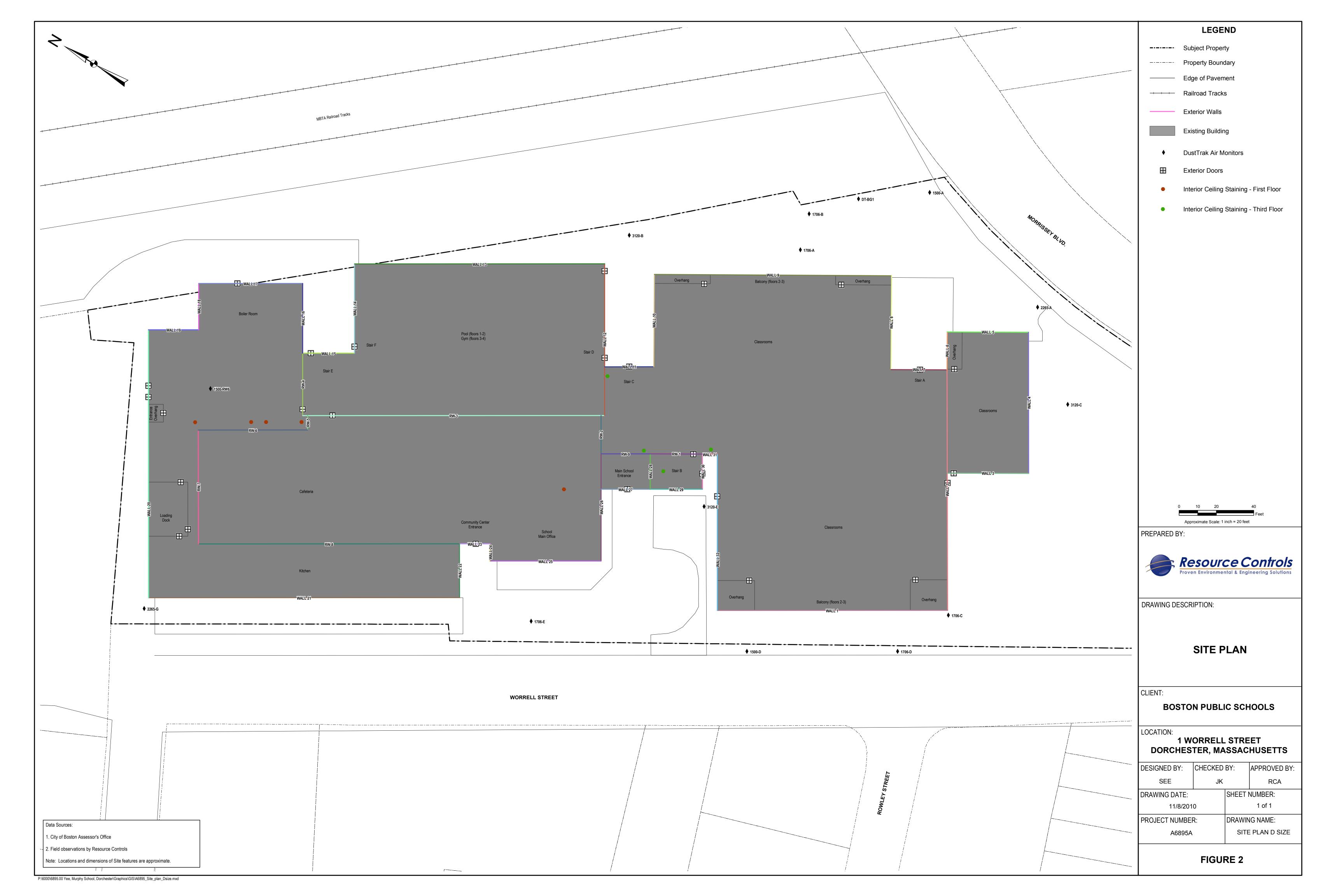
Source: Office of Geographic and Environmental Information (MassGIS), Commonwealth of Massachusetts Executive Office of Environmental Affairs 1987 USGS Topographic Map - Boston South, Massachusetts Quadrangle



LOCUS MAP

RICHARD J. MURPHY K-8 SCHOOL 1 WORRELL STREET BOSTON, MASSACHUSETTS

DRAWN BY KBM	PROJECT A6895	PRINT DATE	FIGURE
VDIAI	A0093	7/8/2009	



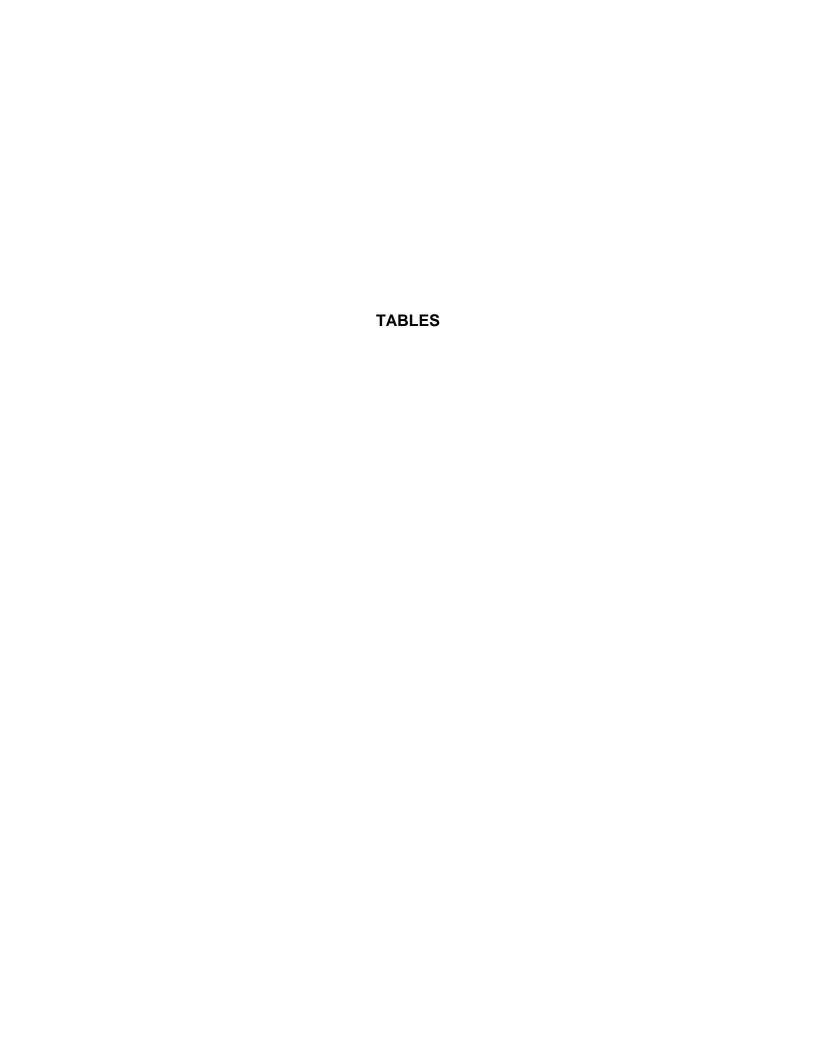


TABLE 1 SUMMARY OF ADJACENT SUBSTRATE ANALYTICAL DATA RICHARD J. MURPHY SCHOOL 1 WORRELL STREET BOSTON, MASSACHUSETTS

Sealant Type	Application Location	Adjacent Substrate		Sample IDs	Date Collected	
ight Gray Caulk	Horizontal & Vertical Expansion Joint	Foam	Foam under darker of 2 caulks, horz joint b/t R&G brick, center vert joint, S wall	AREA-2 F4	4/22/2010	< 1
		Foam	Foam under light caulk, short vert joint, 3rd floor, upper L near corner, S wall	AREA-2 F5	4/22/2010	< 0.17
		Brick-Common	N wall horz joint, lower R near overhang & pillar, rough brick below light caulk,	AREA-3 B1	4/23/2010	< 0.10
		Brick-Glazed	N wall horz joint, lower R near overhang & pillar, glazed brick above light caulk,	AREA-3 B2	4/23/2010	< 0.10
		Foam	Wall 8 2nd floor R thick vertical seam above windows, grey foam beneath light caulk	W8-F1	8/18/2010	< 0.098
	Exterior Vents	Foam	Grey foam behind light caulk around lower R vent, S wall	AREA-2 F2	4/22/2010	< 25
ight Gray Caulk - Thick Bead	Corner Vertical Expansion Joint	Brick-Glazed	Glazed brick from NW corner joint	AREA-2 B4	4/20/2010	< 0.10
,	· ·	Brick-Common	Rough brick touching vertical joint in NW corner of alcove	AREA-2 B1	4/20/2010	< 0.10
		Foam	Yellow foam from beneath light caulk in NW corner vertical joint	AREA-2 F1	4/20/2010	150
		Foam	Short vert joint above half-moon window, 2nd floor, foam beneath light caulk in joint	AREA-4 F3	4/23/2010	< 40
		Foam	Upper R blue window, foam beneath light caulk under window casing	AREA-5 F1	4/23/2010	83
		Mortar	Mortar between rough bricks at SW corner between 1st and 2nd floors	AREA-2 M3	4/21/2010	< 0.10
		Brick-Common	Wall 2 at corner with Wall 3, composite of 3 points <10 feet above grade (1st floor)	W2-B3	8/27/2010	< 0.10
		Brick-Glazed	Wall 31 at corner with Wall 30, composite of 3 points <10 feet above grade (1st floor)	W31-B1	9/13/2010	< 0.10
		Brick-Glazed	Wall 31 at corner with Wall 30, composite of 3 points >10 feet above grade (1st floor)	W31-B2	9/15/2010	< 0.10
		Brick-Glazed Brick-Glazed	Wall 32 at corner with Wall 31, composite of 3 points >10 feet above grade (2nd floor)	W31-B2 W32-B2	9/15/2010	< 0.092
		Brick-Common	Wall 26 at corner with Wall 27, composite of 3 points >10 feet above grade (2nd noor) Wall 26 at corner with Wall 27, composite of 3 points <10 feet above grade (1st floor)	W26-B1	9/15/2010	0.092
		Brick-Common	Wall 22 at corner with Wall 23, composite of 3 points < 10 feet above grade (1st floor) Wall 22 at corner with Wall 23, composite of 3 points < 10 feet above grade (1st floor)	W22-B1	9/15/2010	< 0.099
		Brick-Mixed	wall 22 at corner with wall 25, composite or 5 points < to reet above grade (15t 1001)	W12-B1	9/13/2010	< 0.099
		Brick-Mixed		W12-B2		
ray Caulk	Doors Doors Occupation	None Analyzed				
	Between Window Frame & Concrete	None Analyzed				<u> </u>
ark Gray Caulk	Between Concrete & Brick @ Semicircle Windows	Concrete sill	Concrete sill above lower R half moon window, S wall	AREA-2 C2	4/20/2010	< 0.10
		Mortar	Mortar in rough bricks above lower R half moon window, S wall	AREA-2 M1	4/20/2010	< 0.10
	1	Concrete casing	2nd floor blue half-moon window, casing concrete touching dark caulk against pane	AREA-4 C1	4/23/2010	< 0.10
		Concrete casing	Blue concrete from casing around lower R half moon window, S wall	AREA-2 C3	4/20/2010	< 0.10
	1	Mortar	Along left side of long window, lower left corner near sill, left of joint	AREA-1 M	4/19/2010	0.26
		Mortar	Mortar between casing and brick at lower R half moon window, S wall	AREA-2 M2	4/21/2010	2.8
	1	Mortar	Area 2, S wall, lower R half-moon window, G brick, 6" left of dark caulk around casing	A2M2 6-1, A2M2 6-2	5/22/2010	< 0.10
	1	Mortar	Area 2, S wall, lower R half-moon window, G brick, 6" below dark caulk, 12" above light seam	A2M2 6-3, A2M2 6-4	5/22/2010	< 0.10
		Mortar	Area 2, S wall, lower R half-moon window, G brick, 6" right of dark caulk around casing	A2M2 6-5, A2M2 6-6	5/22/2010	< 0.10
		Concrete casing	Wall 8 1st floor half-moon window, composite of 3 points <10 feet above grade, painted concrete	W8-CC1	8/26/2010	0.53
		Concrete casing	Wall 4 1st floor L half-moon window, composite of 3 points < 10 feet above grade, painted concrete	W4-CC1	8/26/2010	2.5
		Concrete casing	Wall 4 2nd floor half-moon window, composite of 3 points >10 feet above grade, painted concrete	W4-CC2	8/27/2010	< 0.10
		Concrete casing	Wall 2 2nd floor R half-moon window, composite of 3 points >10 feet above grade, painted concrete	W2-CC1	8/27/2010	41
		Concrete casing	Wall 32 1st floor half-moon window, composite of 3 points <10 feet above grade, painted concrete	W32-CC1	9/13/2010	< 0.095
		Concrete casing	Wall 22 1st floor half-moon window, composite of 3 points <10 feet above grade, painted concrete	W22-CC1	9/13/2010	0.14
		Concrete casing	Wall 32 2nd floor half-moon window, composite of 3 points >10 feet above grade, painted concrete	W32-CC2	9/15/2010	0.62
		Concrete casing	Twaii 32 210 11001 11011 1110011 Willidow, Composite of 3 points > 10 feet above grade, painted condicte	W10-CC1	7/13/2010	0.02
	Between Concrete Sills & Brick @ Rectangle Windows	Brick-Glazed	Along left side of long window, lower left corner near sill, left of joint	AREA-1 B	4/19/2010	27
	between condities and a blick of rectangle windows	Brick-Glazed	Area 1, 6" from dark vertical joint, 6" below concrete sill level	A1B 6-1, A1B 6-2	5/22/2010	< 0.10
		Concrete sill	Concrete will from long window, left edge near removed caulk	AREA-1 C	4/19/2010	12
		Concrete sill	Concrete sill above lower R half moon window, S wall	AREA-2 C1	4/20/2010	< 0.10
		Concrete sill	Concrete sill above lower k hall moon window, S wall Concrete sill from L long window, S wall	AREA-2 C6	4/21/2010	1.8
		Concrete sill	Area 1, sill below long window, 6" from seam between sills, 1" above dark caulk seam	A1C 6-1, A1C 6-2	5/22/2010	< 0.10
		Concrete sill			5/22/2010	< 0.10
		Concrete sill	Area 2, S wall, lower L long window, 6" from middle sill seam, 1" above light caulk Area 2, S wall, lower R long window, 6" from middle sill seam, 1" above dark caulk	A2C6 6-1, A2C6 6-2 A2C6 6-3	5/22/2010	< 0.10
		Concrete sill	Area 2, S wall, upper R long window, 6" from rightmost sill seam, 1" above light caulk	A2C6 6-4	5/22/2010	< 0.10
		Concrete sill	Wall 4 1st floor R long window, composite of 3 points <10 feet above grade	W4-CS1	8/26/2010	0.61
	1	Concrete sill	Wall 2 2nd floor R long window, composite of 3 points >10 feet above grade	W2-CS2	8/27/2010	2
		Concrete sill	Wall 2 1st floor long window, composite of 3 points <10 feet above grade	W2-CS1	8/27/2010	< 0.10
		Concrete sill	Wall 20 long window R of loading dock, composite of 3 points <10 feet above grade	W20-CS1	9/13/2010	0.25
		Brick-Glazed	Wall 20, brick touching long window R of loading dock, composite of 3 points <10 feet above grade	W20-B1	9/13/2010	5.8
	1	Concrete sill	Wall 31 1st floor long window, composite of 3 points <10 feet above grade	W31-CS1	9/13/2010	< 0.091
	1	Brick-Glazed	Wall 32 3rd floor R long window, brick beneath sill, composite of 3 points >10 feet above grade	W32-B1	9/15/2010	< 0.098
	1	Concrete sill	Wall 32 3rd floor R long window, composite of 3 points >10 feet above grade	W32-CS1	9/15/2010	< 0.087
	1	Concrete sill	Wall 31 2nd floor long window, composite of 3 points >10 feet above grade	W31-CS2	9/15/2010	< 0.45
		Concrete sill		W9-CS1	<u> </u>	<u> </u>
	Vertical Expansion Joints	Brick-Glazed	Glazed brick from central vertical joint on W wall	AREA-2 B2	4/20/2010	< 0.10
	1	Brick-Common	Rough brick from central vertical joint on W wall	AREA-2 B3	4/20/2010	< 0.10
		Brick-Common	L dark vert joint, 2nd floor level, rough brick touching dark caulk	AREA-4 B1	4/23/2010	2.4
	1	Brick-Common	R vert joint, 2nd floor level, rough brick touching dark caulk in joint	AREA-5 B1	4/23/2010	1.2
	1	Brick-Common	Area 4, L dark vert joint, 2nd floor rough brick, 6" from caulk	A4B1 6-1	5/22/2010	< 0.10
	1	Brick-Common	Area 4, L dark vert joint, 2nd floor rough brick, 6" from caulk	A4B1 6-2, A4B1 6-3	5/22/2010	< 0.10
	1	Brick-Common	Area 5, R dark vert joint, 2nd floor rough brick, 6" from caulk	A5B1 6-1, A5B1 6-3	5/22/2010	< 0.10
	1	Brick-Common	Area 5, R dark vert joint, 2nd floor rough brick, 6" from caulk	A5B1 6-2	5/22/2010	< 0.10
	1	Brick-Glazed	Wall 8 vertical joint, composite of 3 points <10 feet above grade, painted brick	W8-B1	8/26/2010	3.5
	1			W8-B1 W7-B1		
		Brick-Glazed Brick-Glazed	Wall 7 vertical joint, composite of 3 points <10 feet above grade, painted brick	W4-B1	8/26/2010 8/26/2010	42 11
	1		Wall 4 L vertical joint, composite of 3 points <10 feet above grade, painted brick			
	1	Brick-Mixed	Wall 4 left-central vertical joint, composite of 3 points >10 feet above grade (2nd floor)	W4-B2	8/27/2010	< 0.10
		Brick-Mixed	Wall 2 R vertical joint, composite of 3 points >10 feet above grade (2nd-3rd floors)	W2-B1	8/27/2010	22
	Exterior Vents	Foam	N wall lower R vent, foam behind dark but cracked/faded caulk (lighter of 2) around vent	AREA-3 F1	4/23/2010	< 0.33
	1	Foam	Grey foam behind dark caulk around lower R vent, S wall	AREA-2 F3	4/22/2010	< 2
	1	Mortar	N wall lower R vent, mortar touching glazed brick around vent	AREA-3 M1	4/23/2010	< 0.10
		Brick-Glazed	Wall 2 2nd floor R vent, composite of 3 points >10 feet above grade	W2-B2	8/27/2010	4.8
ark Gray Window Putty	Window Glazing		Wall 2 2nd floor R vent, composite of 3 points >10 feet above grade 2nd floor R blue window, casing concrete touching dark caulk against pane		8/27/2010 4/23/2010	4.8 < 0.10
ark Gray Window Putty nknown Color Caulk (Painted)		Brick-Glazed	Wall 2 2nd floor R vent, composite of 3 points > 10 feet above grade 2nd floor R blue window, casing concrete touching dark caulk against pane	W2-B2 AREA-5 C1		

Brown Hashing Source...

NOTES:
mg/kg = milligrams per kilogram
MM indicates that the quantity was not measured since no PCBs were detected.

BOLD indicates that concentrations exceed laboratory reporting limits

RED indicates that concentrations exceed the U.S. EPA Hazardous Material Standard of 1 mg/kg.

TABLE 2 SUMMARY OF EXTERIOR WIPE SAMPLE ANALYTICAL DATA RICHARD J. MURPHY SCHOOL

1 WORRELL STREET BOSTON, MASSACHUSETTS

Sealant Type	Application Location	Wipe Location	Sample IDs	Date Collected	Results (µg/100 cm2)
Light Gray Caulk	Horizontal & Vertical Expansion Joint	None Analyzed	<u> </u>		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	'				
	Exterior Vents	Area 2, south wall, below and to left (corner to corner) from upper left vent	W-104 Pre, W-104 Post	4/21/2010	< 0.022
		Area 2, south wall, lower right vent, 2nd blade up, 2' segment measured from left sid€	W-107 V	4/22/2010	
		Area 2, south wall, upper left vent, bottom blade, 2' segment measured from right side	W-108 V	4/22/2010	< 0.022
		Area 3, north wall, lower right vent, bottom blade, 2' section measured from right side	W-109 V	4/23/2010	
		Area 3, north wall, upper left vent, middle blade, 2' section measured from right side	W-110 V	4/23/2010	< 0.022
		Area 3, south wall vent, top blade, 2' section measured from right side of center divider	W-111 V	4/23/2010	< 0.022
Light Gray Caulk - Thick Bead	Corner Vertical Expansion Joint	Area 2, west wall at northwest corner of alcove, just above painted brick	W-102 Pre, W-102 Post	4/20/2010	< 0.022
Gray Caulk	Doors	None Analyzed			
ĺ	Between Window Frame & Concrete	Wall 1, 1st floor left long window, 2 3/4" x 24" section on bottom of frame from left corner	W-206	9/3/2010	< 0.047
		Wall 4, 1st floor right long window, 2 1/8" x 24" section on bottom of frame from left corner	W-207	9/3/2010	
		Wall 2, 1st floor left long window, 2 1/8" x 24" section on bottom of frame from left corner	W-208	9/3/2010	
ĺ		Wall 2, 2nd floor left long window, 2 1/8" x 24" section on bottom of frame from left corner	W-209	9/3/2010	
		Wall 1, 1st floor right long window, 2 3/4" x 24" section on bottom of frame from right corner	W-207 W-210	9/3/2010	
		Wall 25, 1st floor left long window, 2 3/4 × 24" section on bottom of frame from left corner	W-210 W-203	9/13/2010	
		Wall 26, 1st floor long window, 2 no x 24 section on bottom of frame from left corne	W-203 W-204	9/13/2010	
		Wall 32, 1st floor left long window, 21/4" x 24" section on bottom of frame from left corner	W-205	9/13/2010	
		Wall 2, 3rd floor left long window, 2 3/4 × 24 section on bottom of frame from left corner	W-203 W-201	9/15/2010	
		Wall 8, 2nd floor left long window, 2 1/8" x 24" section on bottom of frame from left corner	W-201 W-202	9/15/2010	
		Wall 32, 3rd floor right long window, 2 1/8" x 24" section on bottom of frame from left corner	W-202 W-211	9/15/2010	
			W-211 W-212	10/5/2010	
		Wall 1, 1st floor right overhang, long window, 2" x 24" section			
		Wall 1, 3rd floor balcony, right long window, top right corner, 1.5" x 24" section	W-213	10/5/2010	
		Wall 9, 1st floor left overhang, long window, bottom right corner, 2" x 24" section	W-214	10/5/2010	
		Wall 9, 2nd floor balcony, left long window, left vertical frame, 1.5" x 24" section	W-215	10/5/2010	
		Wall 10, 1st floor long window, left vertical frame, 1.5" x 24" section	W-216	10/5/2010	
		Wall 10, 3rd floor right long winow, bottom left corner, 2 1/8" x 24" section	W-217	10/4/2010	
		Wall 15, 1st floor square window, right vertical frame, 1.5" x 24" section	W-218	10/4/2010	
		Wall 21, center long window, bottom left corner, 2 1/8" x 24" section	W-219	10/4/2010	
		Roof Wall 8, right long window, 2 1/8" x 24" section	W-220	11/23/2010	
		Roof Wall 6, left long window, 2 1/8" x 24" section	W-221	11/23/2010	< 0.061
		Roof Wall 7, left-center long window, 2 1/8" x 24" section	W-222	11/23/2010	< 0.061
Dark Gray Caulk	Between Concrete & Brick @ Semicircle Windows	Area 2, south wall, lower right half moon window, just right of casing & below concrete sil	W-105 Pre, W-105 Post	4/21/2010	< 0.022
	Between Concrete Sills & Brick @ Rectangle Windows	Area 1, under concrete sill, touching light caulk under sill and dark vertical joint	W-101 Pre, W-101 Post	4/19/2010	< 0.022
	Vertical Expansion Joints	Area 2, west wall, just right of central vertical joint & above painted brick	W-103 Pre, W-103 Post	4/20/2010	< 0.022
1	Vertical Expansion Joints	Area 2, south wall, 3rd floor right vertical joint, above & right of joint & glazed brick	W-105 Pie, W-105 Post W-106 Pre	4/20/2010	
		Area 2, south wall, 3rd floor right vertical joint, above & right of joint & glazed brick	W-106 Pie W-106 Post	4/21/2010	
		Area 2, south wall, 3rd floor right vertical joint, above & right of joint & glazed brick Area 2, south wall, 3rd floor right vertical joint, above & right of joint & glazed brick	W-106 Post W-106 R	5/22/2010	
Dark Gray Window Putty	Window Glazing	None Analyzed	W-100 K	3/22/2010	< 0.022
Halmoura Color Coully (Do!=+==1)	Window Claring	None Architect			
Unknown Color Caulk (Painted)	Window Glazing	None Analyzed			
Brown Flashing Sealant	Window Boxes	None Analyzed			
NOTES:					

NOTES: μg/100 cm2 = micrograms per 100 square centimeters BOLD indicates that concentrations exceed laboratory reporting limits

TABLE 3 SUMMARY OF CONFIRMATORY EXTERIOR WIPE SAMPLE ANALYTICAL DATA RICHARD J. MURPHY SCHOOL 1 WORRELL STREET BOSTON, MASSACHUSETTS

Sealant Type	Application Location	Wipe Location	Sample ID	Date Collected	Elevation (ft.)	Wipe Area (sq. cm.)	Results (µg/100 cm2)
Clear Epoxy	Corner joints, formerly thick light bead caulk	Wall 2, right corner above doorways, toward bottom of rough brick section	W-304	12/22/2010	11.2	232.26	< 0.086
(Inaccessible areas and areas		Wall 11, right corner, immediately above painted area	W-305	12/22/2010	10.0	232.26	< 0.086
higher than 10 feet)		Wall 22, left corner, 5" above flashing	W-206	12/22/2010	11.3	232.26	< 0.086
	Concrete window casings, formerly dark caulk	Roof Wall 6, right half moon window, upper left corner	W-312	12/22/2010	22.5	193.52	< 0.103
		Roof Wall 8, center half moon window, lower left corner	W-313	12/22/2010	17.8	193.52	< 0.103
		Roof Wall 8, right half moon window, upper left corner	W-314	12/22/2010	22.3	193.52	< 0.103
		Roof Wall 6, left half moon window, upper left corner	W-315	12/22/2010	22.8	193.52	< 0.103
		Roof Wall 8, left half moon window, upper right forner	W-316	12/22/2010	22.8	193.52	< 0.103
	Concrete window sills, formerly dark caulk	Roof Wall 6, right long window, top surface, left edge of third sill from left	W-327	12/22/2010	23.3	232.26	< 0.086
		Roof Wall 7, right long window, top surface, right edfe of rightmost sill	W-328	12/22/2010	23.3	232.26	< 0.086
		Wall 7, lower square window, top surface, left edge of sill	W-329	12/22/2010	11.8	232.26	< 0.086
		Wall 7, lower square window, top surface, left edge of sill	DUP-3	12/22/2010	11.8	232.26	< 0.086
		Wall 11, lower square window, top surface, right edge of sill	W-330	12/22/2010	10.4	193.52	< 0.103
		Wall 15, lower square window, top surface, left edge of sill	W-331	12/22/2010	10.3	193.52	< 0.103
		Roof Wall 8, right long window, top surface, right of center seam between sills	W-332	12/22/2010	23.3	232.26	< 0.086
		Roof Wall 8, right center long window, top surface, right of center seam between sills	W-333	12/22/2010	23.3	232.26	< 0.086
		Roof Wall 7, left center long window, top surface, right of center seam between sills	W-334	12/22/2010	23.3	232.26	< 0.086
		Roof Wall 8, left long window, top surface, right of center seam between sills	W-335	12/22/2010	23.3	232.26	< 0.086
		Roof Wall 3, long window above door, top surface, right edge of sill	W-336	12/22/2010	40.6	232.26	< 0.086
	Vertical joints in brick walls, formerly dark caulk	Wall 1, left vertical joint, right side of seam	W-349	12/22/2010	12.7	232.26	< 0.086
		Wall 3, center vertical joint, left side of seam	W-350	12/22/2010	10.3	232.26	< 0.086
		Wall 5, center vertical joint, left side of seam	W-351	12/22/2010	11.0	232.26	< 0.086
		Wall 7, center vertical joint, right side of seam	W-352	12/22/2010	11.0	232.26	< 0.086
		Wall 10, center vertical joint, sample taken across seam	W-353	12/22/2010	12.4	232.26	< 0.086
		Wall 13, center vertical joint, right side of seam	W-354	12/22/2010	11.5	193.52	< 0.103
		Wall 20, vertical joint to right of loading dock, left side of seam	W-355	12/22/2010	12.9	193.52	< 0.103
		Wall 21, leftmost vertical joint, left side of seam	W-356	12/22/2010	11.4	193.52	< 0.103
		Wall 25, center vertical joint left side of seam	W-357	12/22/2010	10.2	232.26	< 0.086
		Wall 32, right vertical joint, left side of seam	W-358	12/22/2010	11.3	232.26	< 0.086
		Roof Wall 7, left vertical joint, right side of seam	W-359	12/22/2010	21.3	193.52	< 0.103
		Roof Wall 3, left vertical joint, right side of seam	W-360	12/22/2010	38.6	193.52	< 0.103
Colored Epoxy	Corner joints, formerly thick bead light caulk	Wall 11, right corner	W-301	12/22/2010	3.3	193.52	< 0.103
(Acessible areas and areas	· · · · · · · · · · · · · · · · · · ·	Wall 31, right corner, below long window sill	W-302	12/22/2010	1.6	232.26	< 0.086
lower than 10 feet)		Wall 31, left corner, flashng above long window	W-303	12/22/2010	5.0	193.52	< 0.103
•	Concrete window casings, formerly dark caulk	Wall 1, left half moon window, off lower left corner (on brick)	W-307	12/22/2010	1.0	232.26	< 0.086
		Wall 4, right half moon window, lower right corner	W-308	12/22/2010	1.3	232.26	< 0.086
		Wall 4, right half moon window, lower right corner	DUP-2	12/22/2010	1.3	232.26	< 0.086
		Wall 9, right overhang, half moon window, lower right corner	W-309	12/22/2010	1.5	232.26	< 0.086
		Wall 13, left half moon window, lower left corner	W-310	12/22/2010	3.1	193.52	< 0.103
		Wall 22, half moon window, lower right corner	W-311	12/22/2010	1.0	193.52	< 0.103

NOTES:

µg/100 cm2 = micrograms per 100 square centimeters

BOLD indicates that concentrations exceed laboratory method detection limits.

Elevation is expressed as feet from ground level to bottom of sampled area.

All three (3) trip blank samples analyzed as part of this set did not contain PCBs above the laboratory method detection limits.

TABLE 3 (continued) SUMMARY OF CONFIRMATORY EXTERIOR WIPE SAMPLE ANALYTICAL DATA RICHARD J. MURPHY SCHOOL 1 WORRELL STREET BOSTON, MASSACHUSETTS

Sealant Type	Application Location	Wipe Location	Sample ID	Date Collected	Elevation (ft.)	Wipe Area (sq. cm.)	Results (µg/100 cm2)
Colored Epoxy	Concrete window sills, formerly dark caulk	Wall 1, right overhang, right long window, front surface, left edge of second sill from left	W-317	12/22/2010	7.2	193.52	< 0.103
(Acessible areas and areas		Wall 1, 3rd floor balcony, right square window, top surface, right edge of sill	W-318	12/22/2010	1.0	232.26	< 0.086
lower than 10 feet)		Wall 2, right long window, front surface, middle of third sill from left	W-319	12/22/2010	8.2	193.52	< 0.103
		Wall 4, right long window, top surface, right edge of left sill	W-320	12/22/2010	4.1	193.52	< 0.103
		Wall 9, right overhang, long window, top surface, right edge of left sill	W-321	12/22/2010	7.1	193.52	< 0.103
		Wall 17, long window, top surface, right of electrical box	W-322	12/22/2010	7.7	232.26	< 0.086
		Wall 20, long window right of loading dock, top surface, left edge of left sill	W-323	12/22/2010	9.9	232.26	< 0.086
		Wall 22, long window, top surface, right edge of left sill	W-324	12/22/2010	3.3	193.52	< 0.103
		Wall 26, right long window, right edge of left sill	W-325	12/22/2010	2.7	193.52	< 0.103
		Wall 31, 1st floor long window, top surface, left of center seam	W-326	12/22/2010	2.0	193.52	< 0.103
	Vertical joints in brick walls, formerly dark caulk	Wall 1, left vertical joint, right side of seam	W-337	12/22/2010	5.5	193.52	< 0.103
		Wall 3, center vertical joint, right side of seam	W-338	12/22/2010	4.4	232.26	< 0.086
		Wall 5, center vertical joint, right side of seam	W-339	12/22/2010	5.0	193.52	< 0.103
		Wall 7, center vertical joint, left side of seam	W-340	12/22/2010	4.7	193.52	< 0.103
		Wall 10, center vertical joint, left side of seam	W-341	12/22/2010	4.0	193.52	< 0.103
		Wall 11, center vertical joint, right side of seam	W-342	12/22/2010	5.7	232.26	< 0.086
		Wall 13, center vertical joint, left side of seam	W-343	12/22/2010	2.7	232.26	< 0.086
		Wall 20, vertical joint right of loading dock, left side of seam	W-344	12/22/2010	4.3	232.26	< 0.086
		Wall 21, leftmost vertical joint, left side of seam	W-345	12/22/2010	2.7	232.26	< 0.086
		Wall 25, center vertical joint, right side of seam	W-346	12/22/2010	2.0	232.26	< 0.086
		Wall 25, center vertical joint, right side of seam	DUP-1	12/22/2010	2.0	232.26	< 0.086
		Wall 29, vertical joint with Wall 27, right side of seam	W-347	12/22/2010	4.8	232.26	< 0.086
		Wall 32, right vertical joint, right side of seam	W-348	12/22/2010	4.2	193.52	< 0.103

NOTES:

µg/100 cm2 = micrograms per 100 square centimeters

BOLD indicates that concentrations exceed laboratory method detection limits.

Elevation is expressed as feet from ground level to bottom of sampled area.

All three (3) trip blank samples analyzed as part of this set did not contain PCBs above the laboratory method detection limits.

TABLE 4 SUMMARY OF CONFIRMATORY EXTERIOR WIPE SAMPLE ANALYTICAL DATA RICHARD J. MURPHY SCHOOL 1 WORRELL STREET BOSTON, MASSACHUSETTS

Sealant Type	Application Location	Wipe Location	Sample ID	Date Collected	Elevation (ft.)	Wipe Area (sq. cm.)	Results (µg/100 cm2)
Clear Epoxy	Corner joints, formerly thick light bead caulk	Wall 2, right corner above doorways, toward bottom of rough brick section	W-375	10/25/2011	11.2	100.00	< 0.20
(Inaccessible areas and areas		Wall 22, left corner, 5" above flashing	W-374	10/25/2011	11.3	100.00	< 0.20
higher than 10 feet)	Concrete window casings, formerly dark caulk	Roof Wall 6, right half moon window, upper left corner	W-366	10/25/2011	22.5	100.00	< 0.20
		Roof Wall 3, window sill by roof access door, right side	W-370	10/25/2011	23.3	100.00	< 0.20
		Roof Wall 8, right side half-moon window	W371	10/25/2011	17.5	100.00	< 0.20
		Roof Wall 8, left long window, 3rd sill from left, right corner	W-372	10/25/2011	22.8	100.00	NA
	Vertical joints in brick walls, formerly dark caulk	Roof Wall 3, 2nd vertical joint from left	W-367	10/25/2011	22.5	100.00	< 0.20
		Roof Wall 3, 5th vertical joint from left	W-368	10/25/2011	17.2	100.00	NA
		Roof Wall 3, 5th vertical joint from left	W-369	10/25/2011	17.2	100.00	NA
Colored Epoxy	Corner joints, formerly thick bead light caulk	Wall 31, right corner, below long window sill	W-378	10/25/2011	1.6	100.00	< 0.20
(Accessible areas and areas	Concrete window casings, formerly dark caulk	Wall 4, right half moon window, lower right corner	W-361	10/25/2011	1.3	100.00	< 0.20
lower than 10 feet)		Wall 4, right half moon window, lower right corner	W-362	10/25/2011	1.3	100.00	< 0.20
Colored Epoxy	Concrete window sills, formerly dark caulk	Wall 1, right overhang, right long window, front surface, left edge of second sill from left	W-365	10/25/2011	7.2	100.00	< 0.20
(Accessible areas and areas		Wall 2, right long window, front surface, middle of third sill from left	W-376	10/25/2011	8.2	100.00	NA
lower than 10 feet)		Wall 4, right long window, top surface, right edge of left sill	W-363	10/25/2011	4.1	100.00	NA
		Wall 31, 1st floor long window, top surface, left of center seam	W-379	10/25/2011	2.0	100.00	< 0.20
		Wall 9, left half-moon window, right corner	W-382	10/25/2011	4.0	100.00	< 0.20
	Vertical joints in brick walls, formerly dark caulk	Wall 1, left vertical joint, right side of seam	W-377	10/25/2011	5.5	100.00	NA
		Wall 5, center vertical joint, right side of seam	W-380	10/25/2011	5.0	100.00	< 0.20
		Wall 7, center vertical joint, right side of seam	W-381	10/25/2011	4.7	100.00	< 0.20
		Wall 11, right corner of corner joint	W-383	10/25/2011	3.3	100.00	< 0.20
		Wall 4, center vertical seam, right side	W-364	10/25/2011	4.4	100.00	< 0.20
		Blank	W-373	10/25/2011	NA	100.00	NA
		Blank	W-384	10/25/2011	NA	100.00	< 0.20

NOTES:

µg/100 cm2 = micrograms per 100 square centimeters

BOLD indicates that concentrations exceed laboratory method detection limits.

Elevation is expressed as feet from ground level to bottom of sampled area.

Both (2) trip blank samples analyzed as part of this set did not contain PCBs above the laboratory method detection limits.

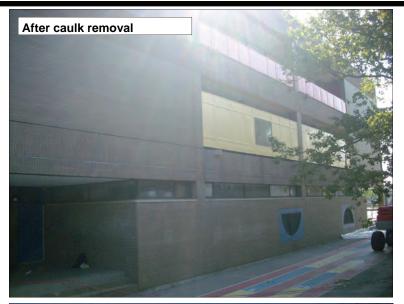
The following samples were not analyzed (NA) because the labels fell off being transported to the lab: W-363, W-369, W-372, W-373, W-376, W-377,

APPENDIX A

Site Photographs









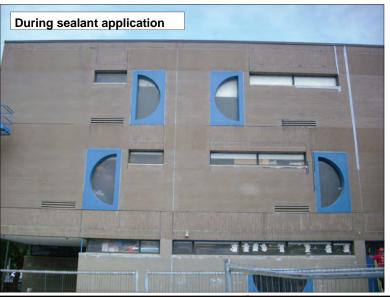


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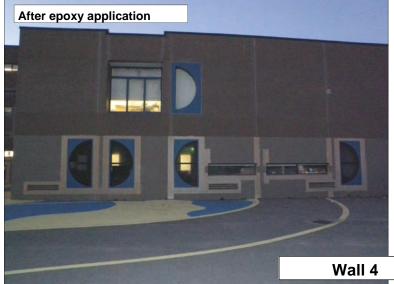
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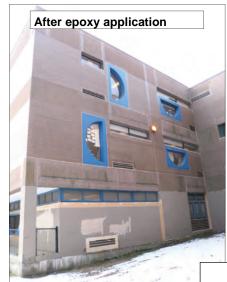
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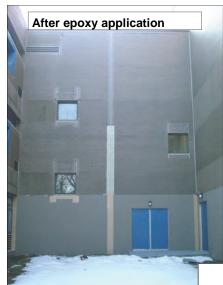
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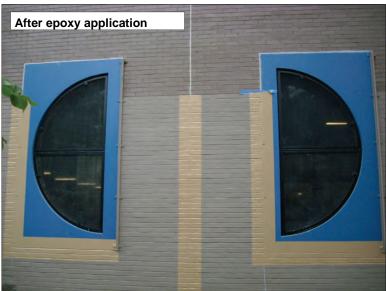
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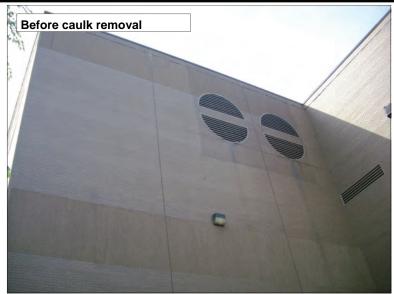


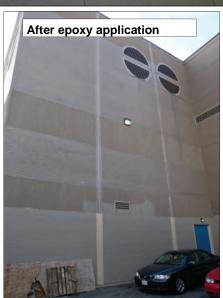
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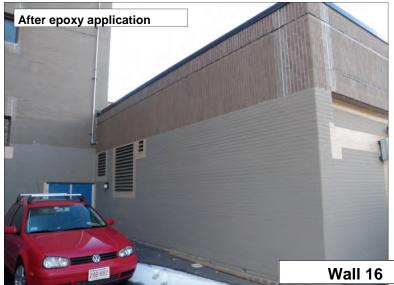
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1 WORRELL STREET DORCHESTER, MASSACHUSETTS

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1 WORRELL STREET				
DORCHESTER, MASSACHUSETTS				

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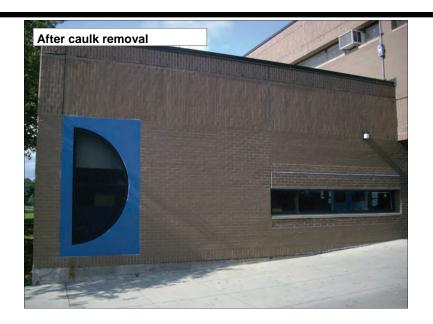
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1 WORRELL STREET
DORCHESTER, MASSACHUSETTS

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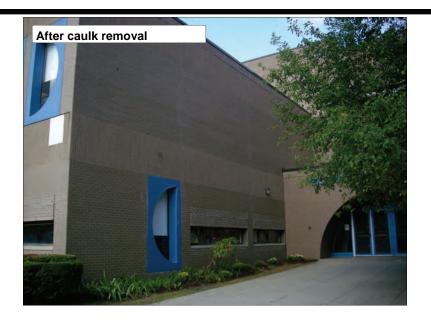
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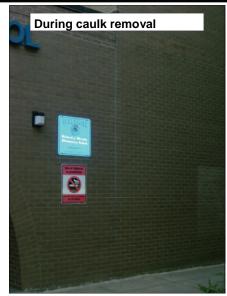
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1 WORRELL STREET
DORCHESTER, MASSACHUSETTS

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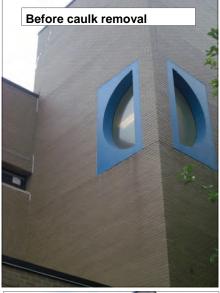


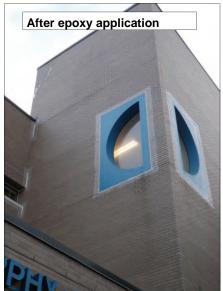


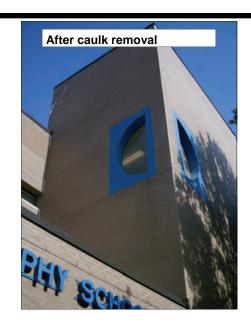
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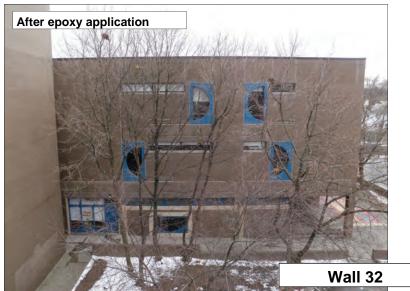
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Roof Wall 2



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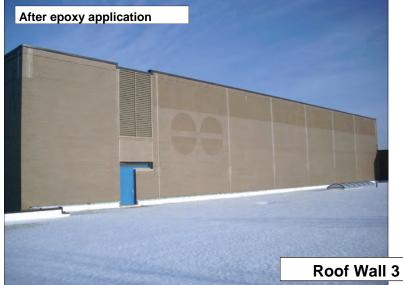
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Roof Wall 4



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Roof Wall 5



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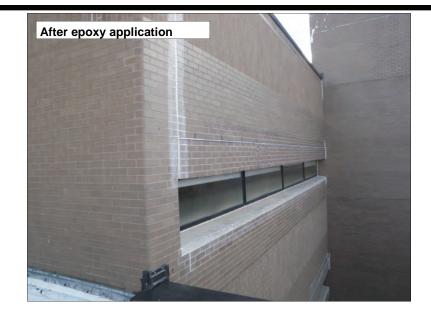


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Roof Wall 9



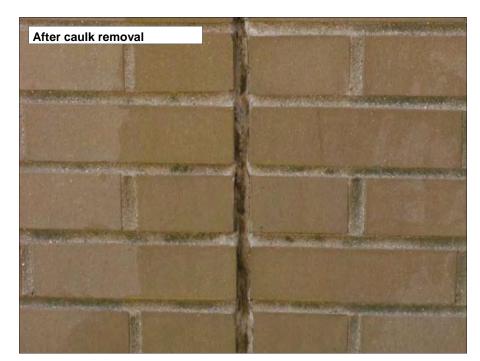
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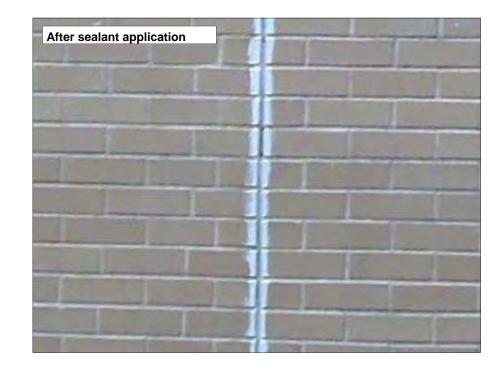
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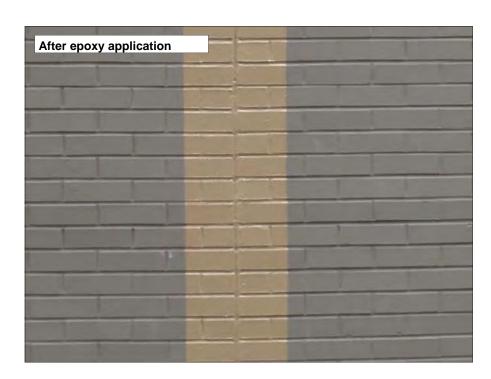
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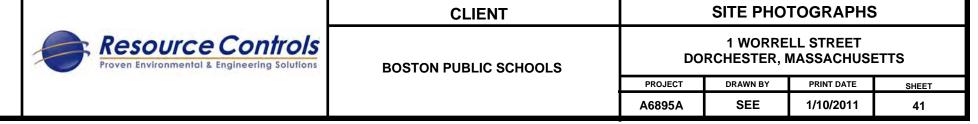


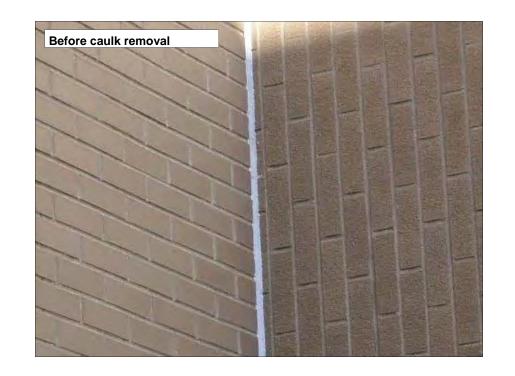


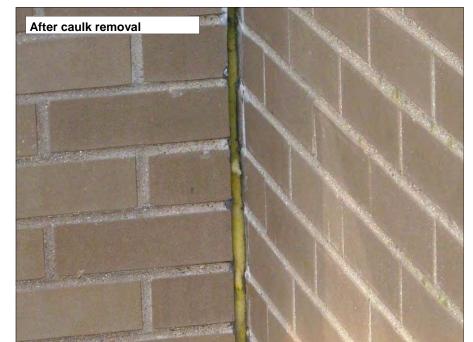




Detail - Brick Vertical Seam

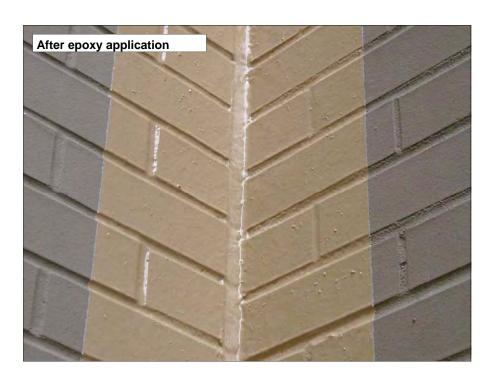




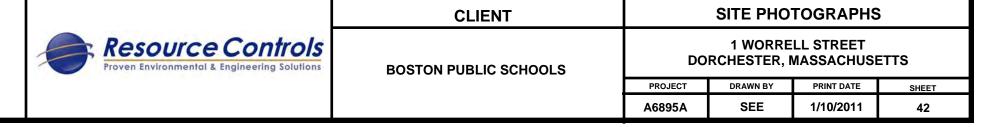








Detail - Brick Corner Seam

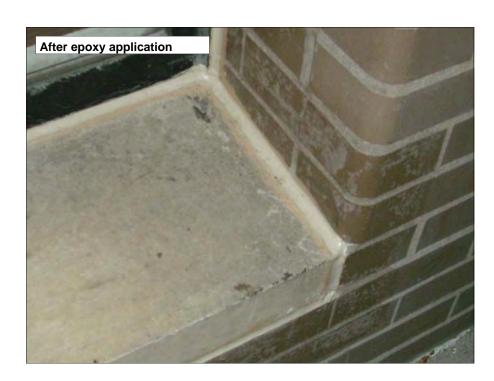




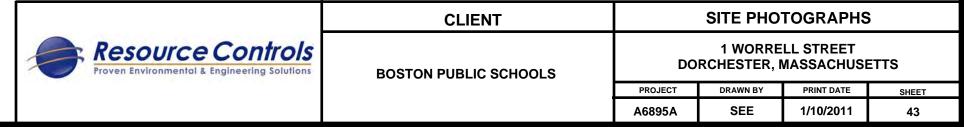




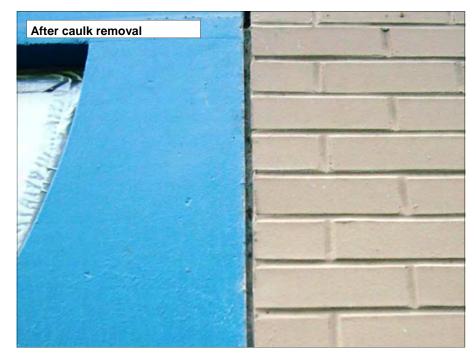




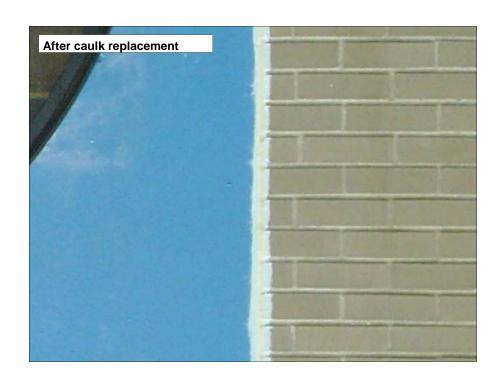
Detail - Concrete Window Sill

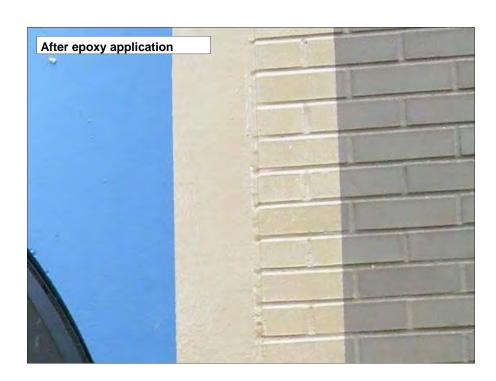




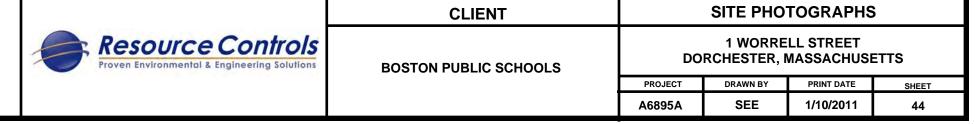




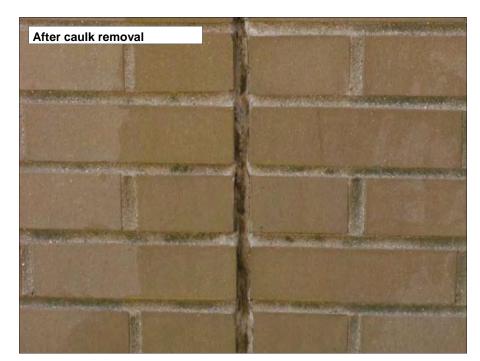


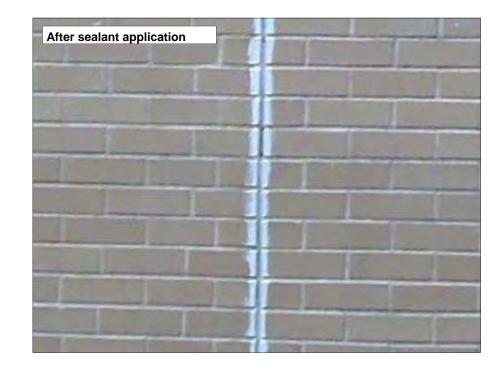


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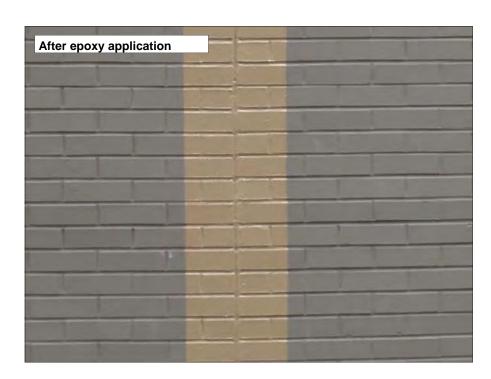




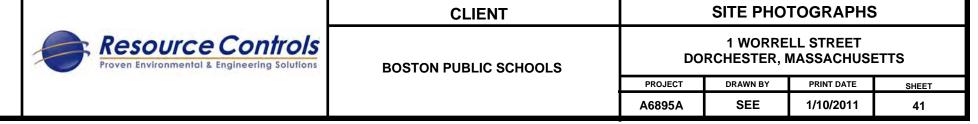


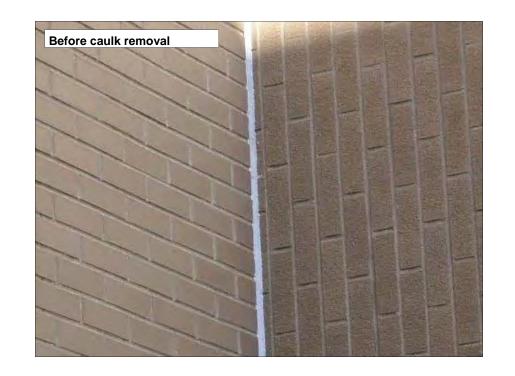


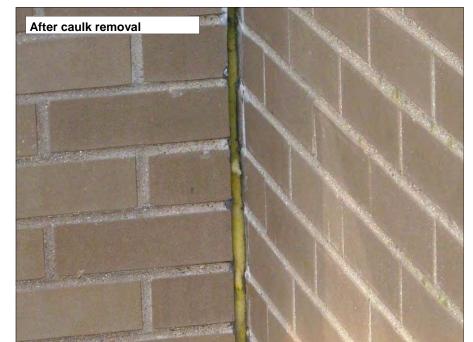




Detail - Brick Vertical Seam

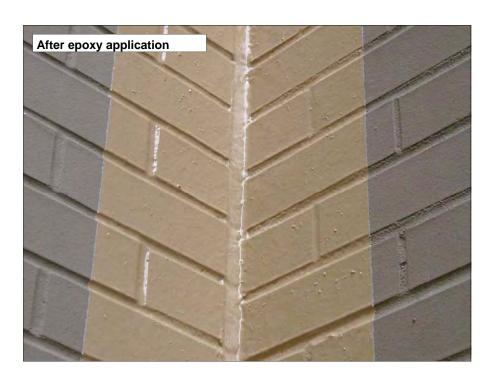




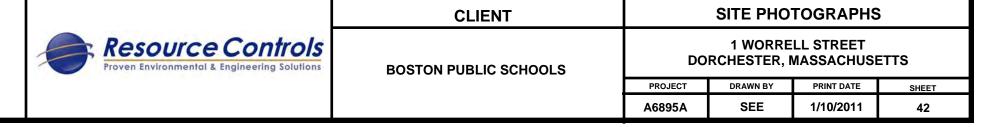








Detail - Brick Corner Seam

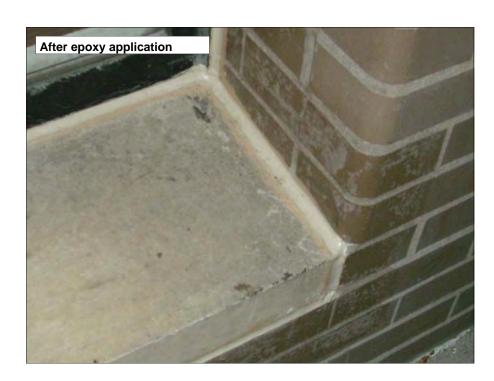




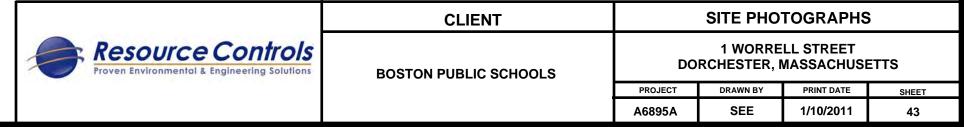




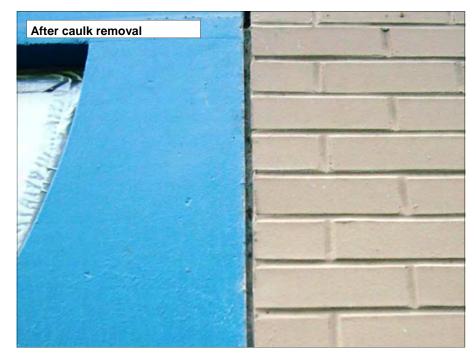




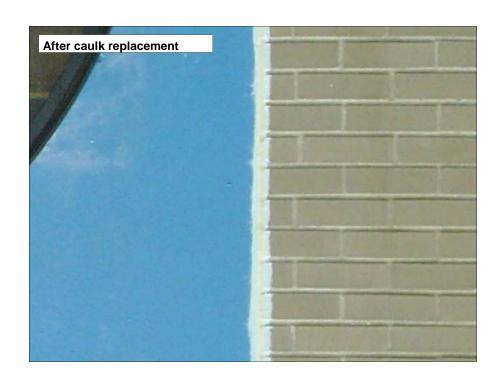
Detail - Concrete Window Sill

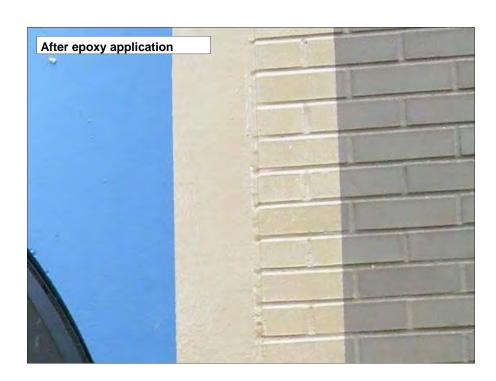




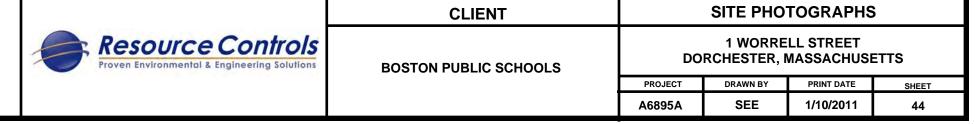


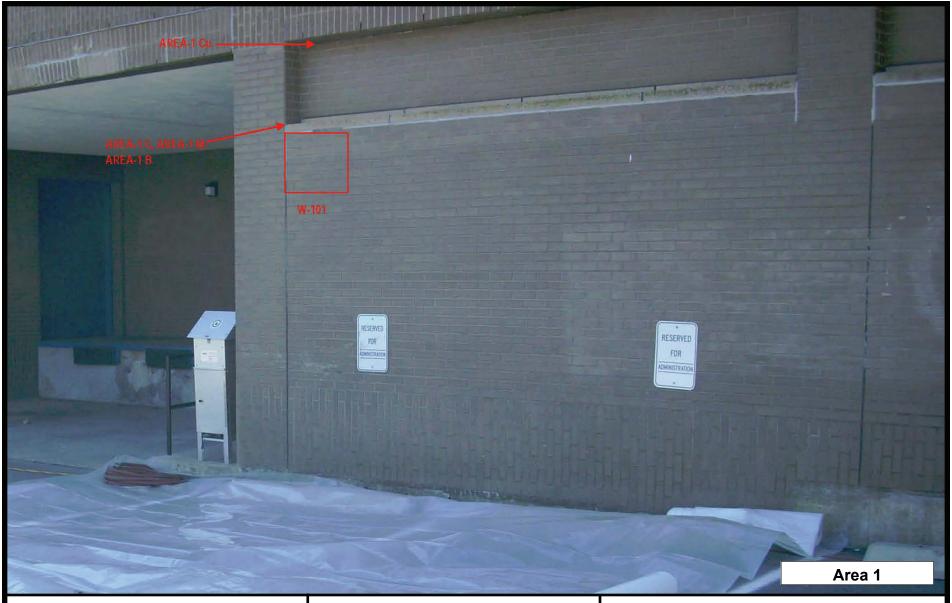






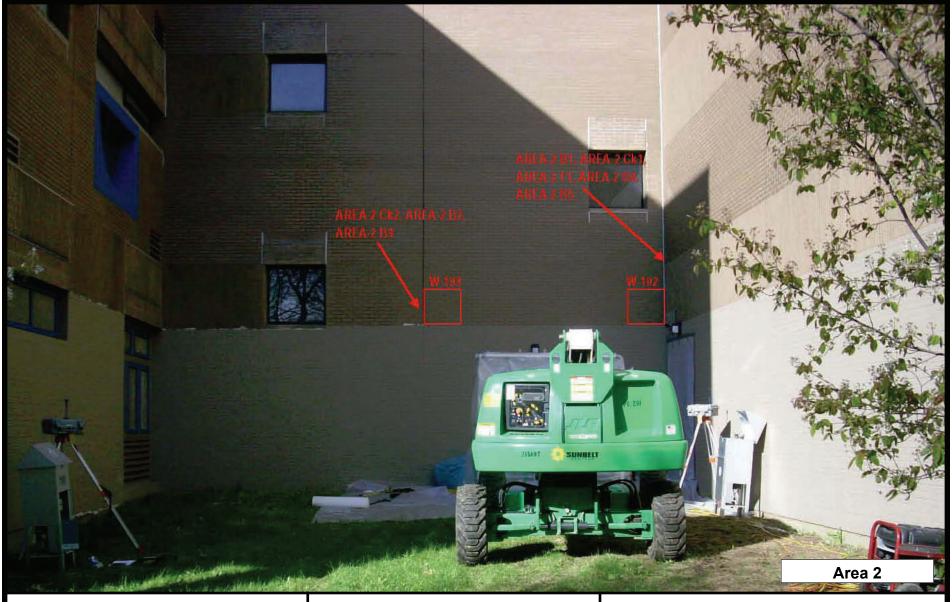
Detail - Concrete Window Casing







CLIENT		SITE PHO	TOGRAPHS	5
BOSTON PUBLIC SCHOOLS	1 WORRELL STREET DORCHESTER, MASSACHUSETTS		ETTS	
	PROJECT	DRAWN BY	PRINT DATE	РНОТО
	A6895	SEE	6/22/2010	1

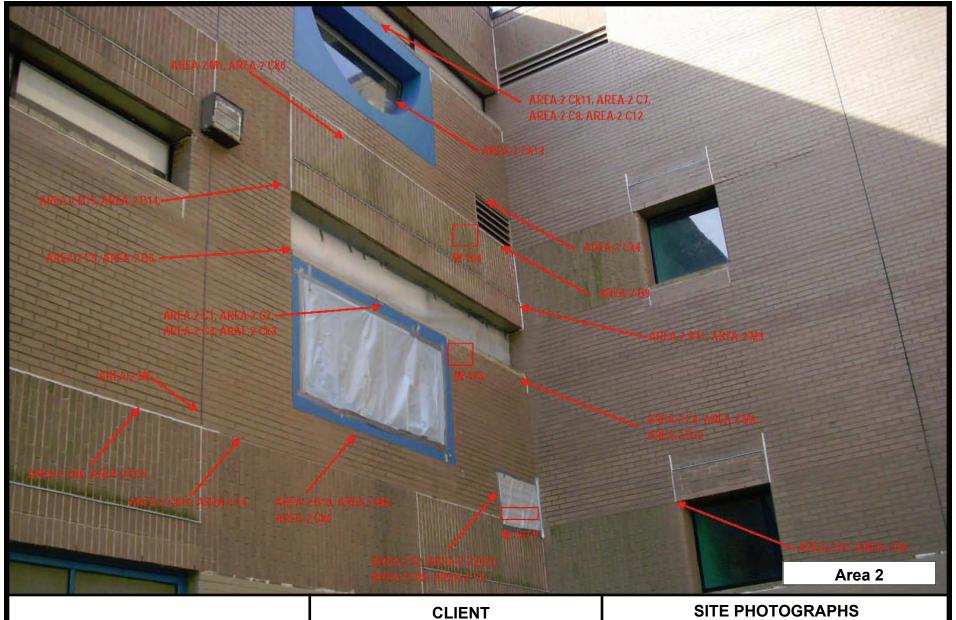




CLIENT	SITE PHOTOGRAPHS

BOSTON PUBLIC SCHOOLS

PROJECT	DRAWN BY	PRINT DATE	РНОТО
A6895	SEE	6/22/2010	2





PROJECT	DRAWN BY	PRINT DATE	РНОТО
A6895	SEE	6/22/2010	3

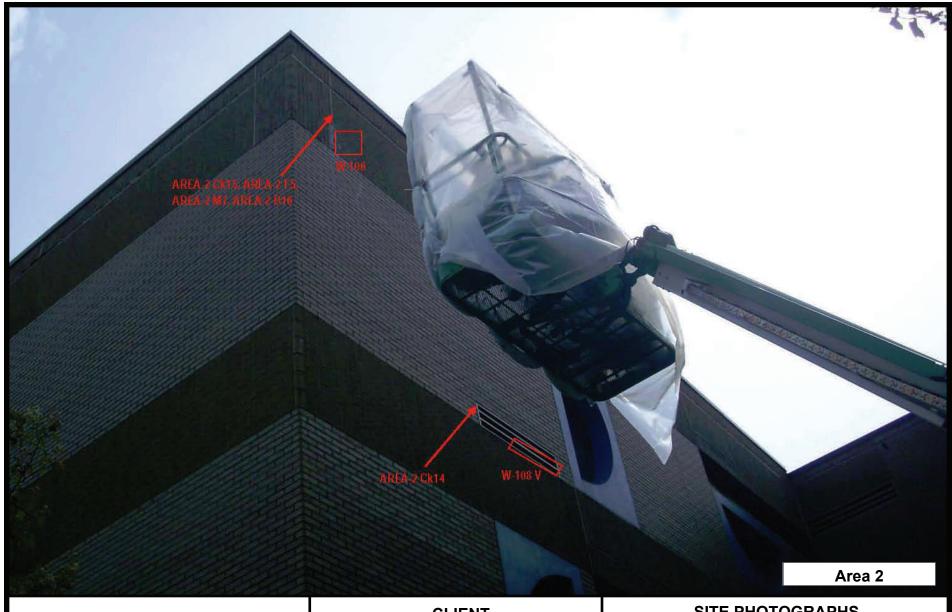




BOSTON PUBLIC SCHOOLS

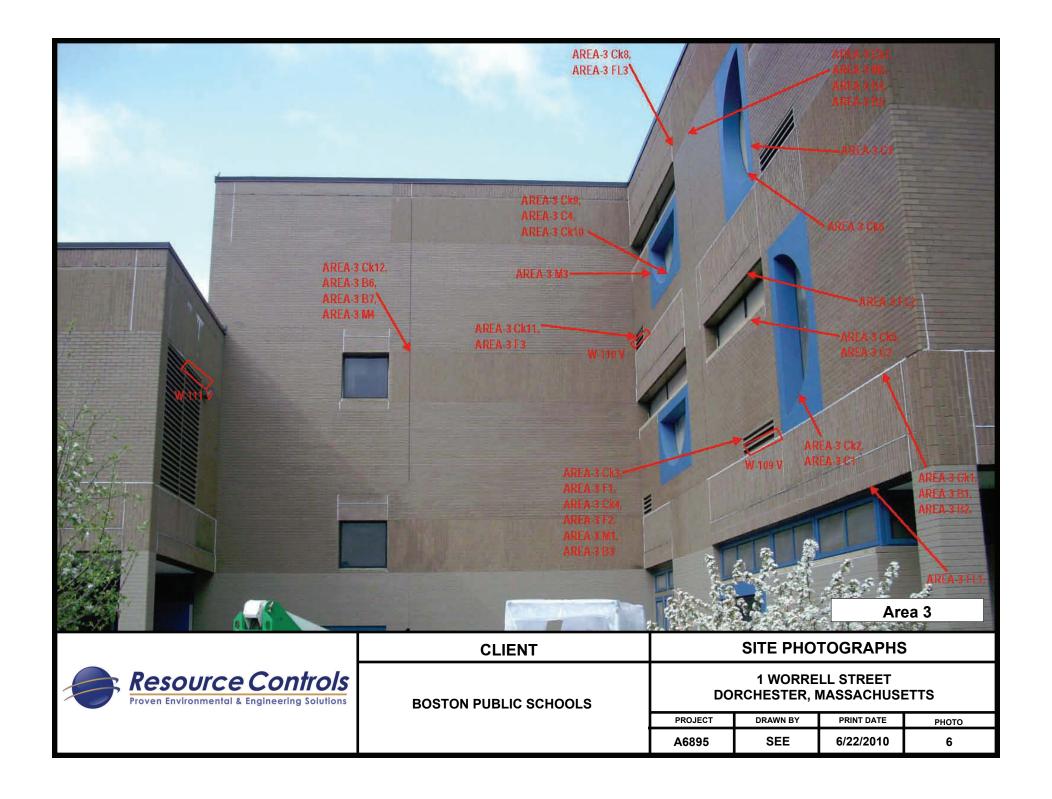
SITE PHOTOGRAPHS

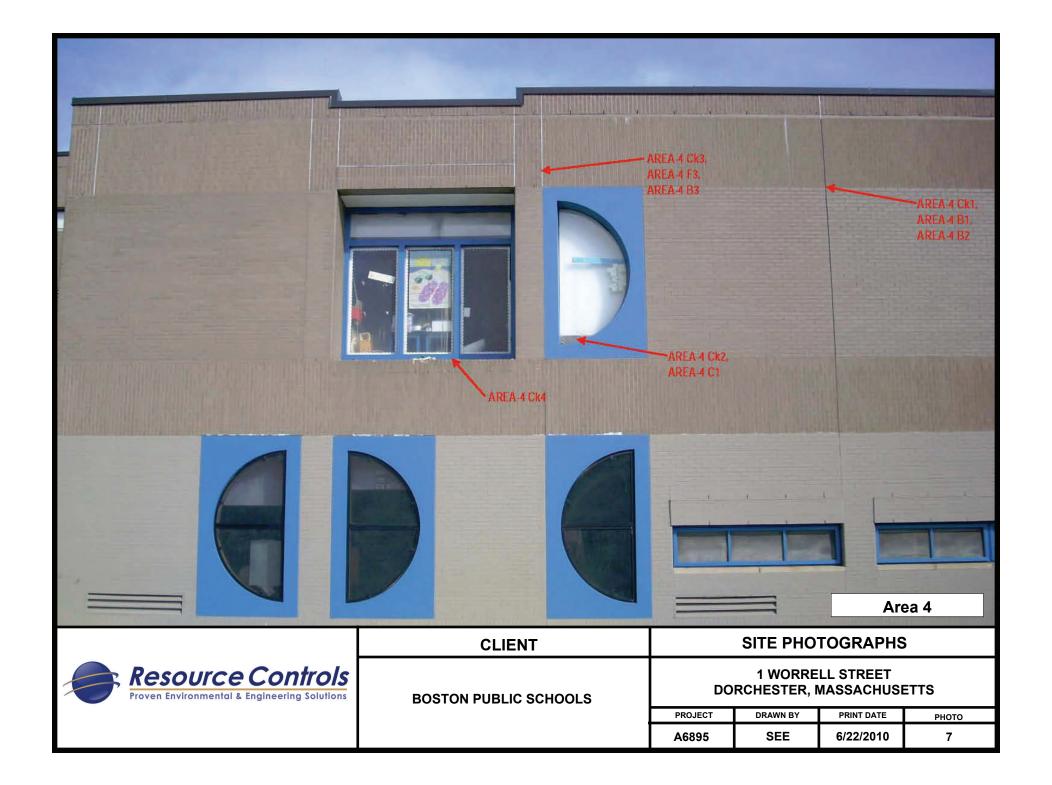
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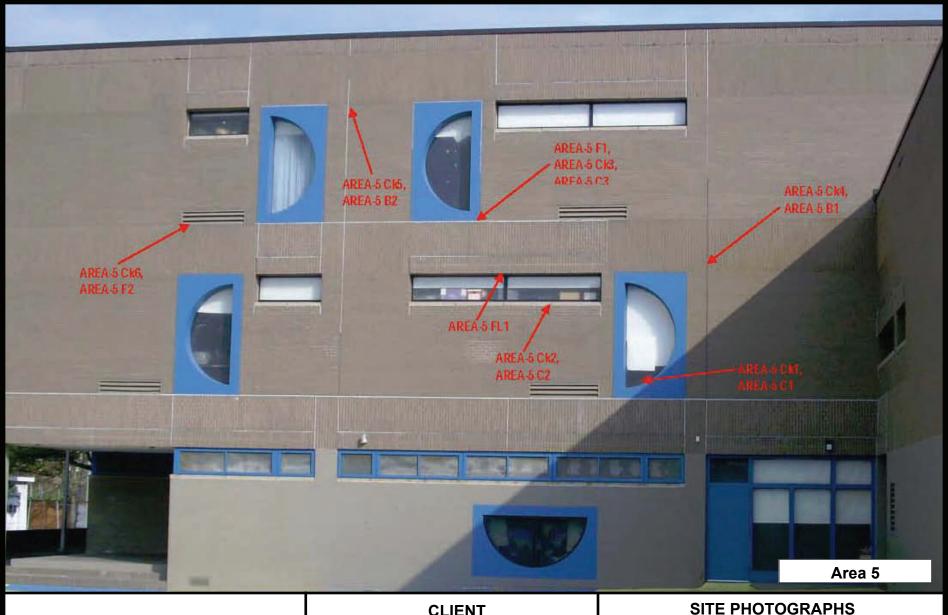




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A6895	SEE	6/22/2010	5



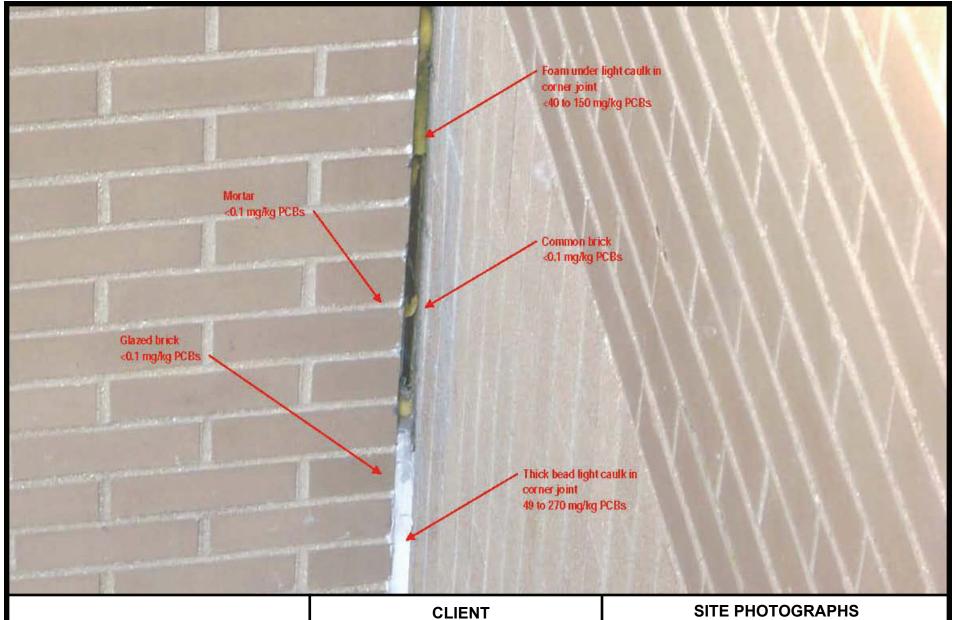






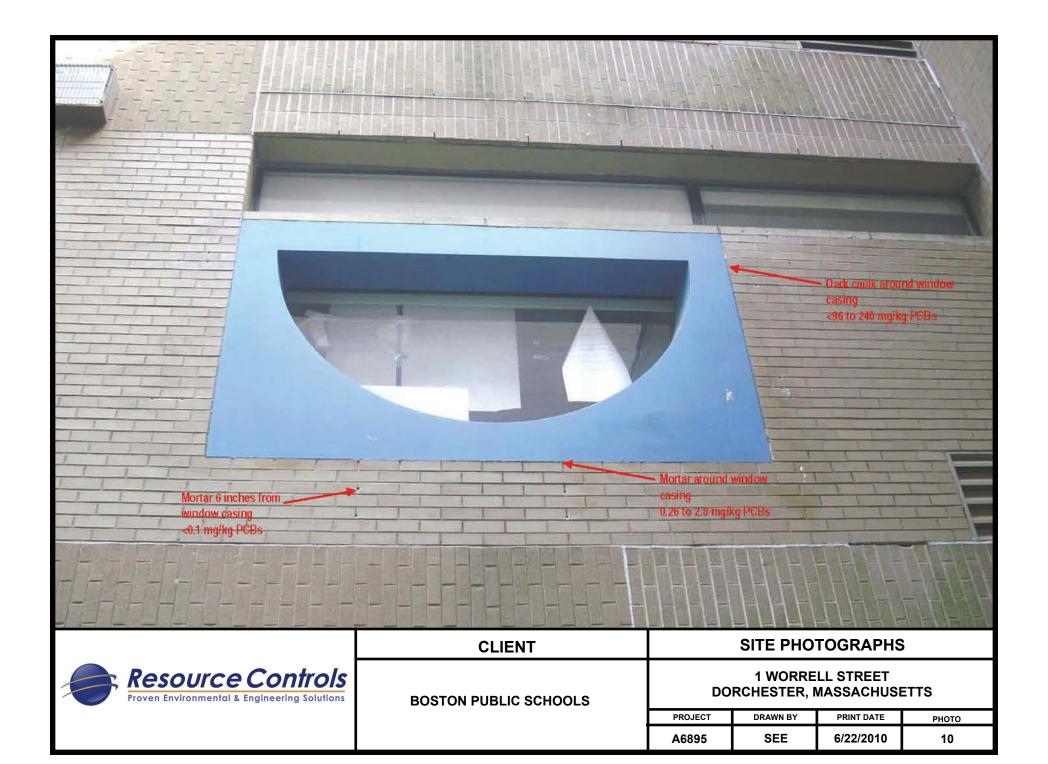
BOSTON PUBLIC SCHOOLS

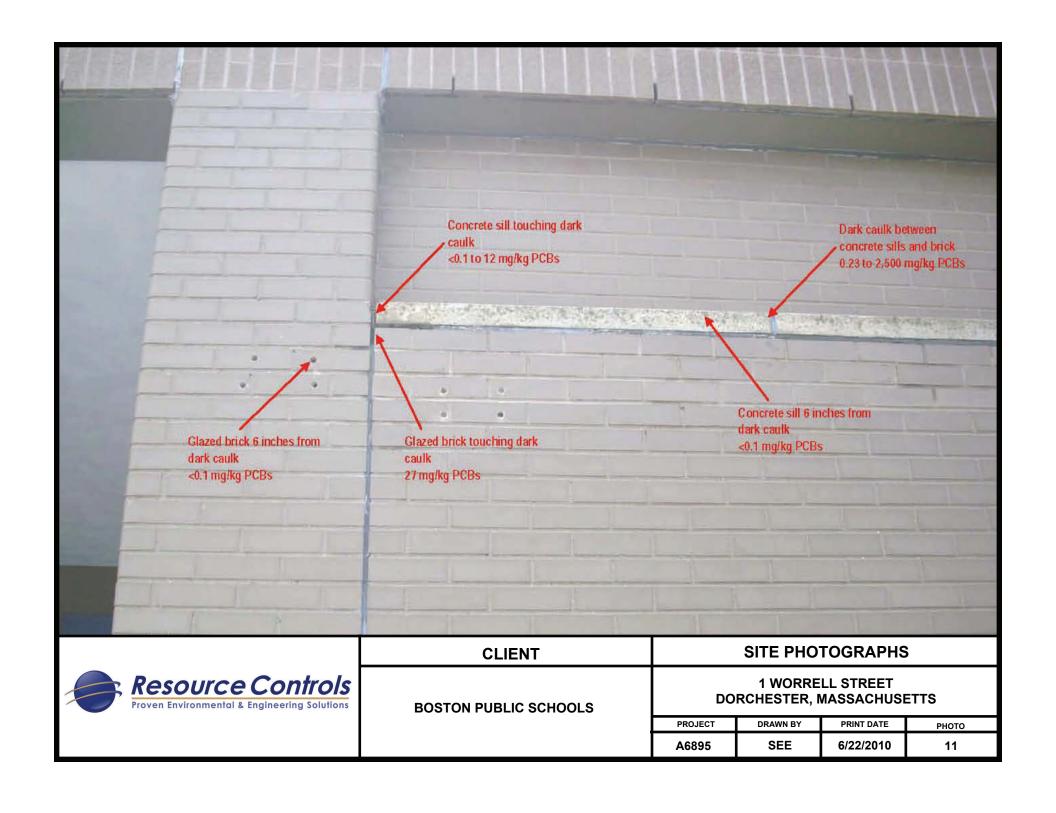
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A6895	SEE	6/22/2010	8

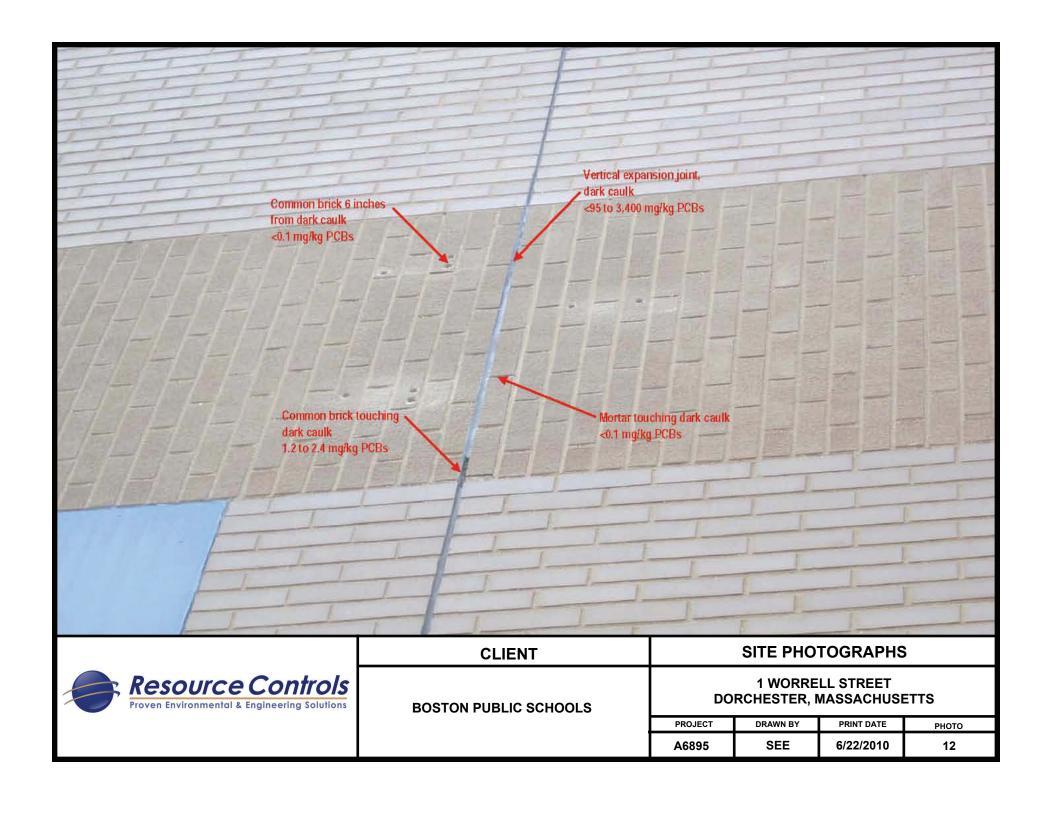




PROJECT	DRAWN BY	PRINT DATE	РНОТО
A6895	SEE	6/22/2010	9













CLIENT	PCB SAMPLE LOCATIONS			NS
BOSTON PUBLIC SCHOOLS	1 WORRELL STREET DORCHESTER, MASSACHUSETTS			
Ī	PROJECT	DRAWN BY	PRINT DATE	SHEET
	A6895A	SEE	5/12/2011	1

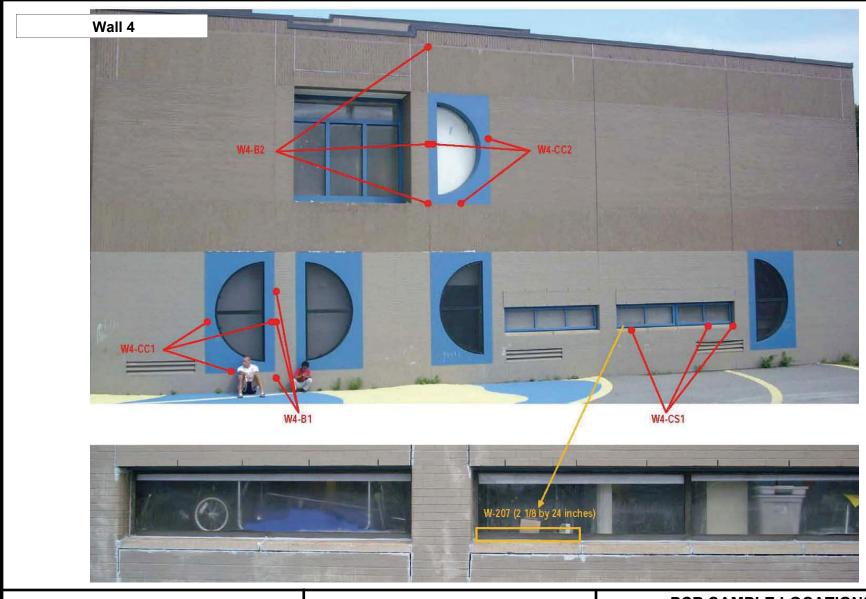




PCB SAMPLE LOCATIONS

BOSTON PUBLIC SCHOOLS

PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	5/12/2011	2

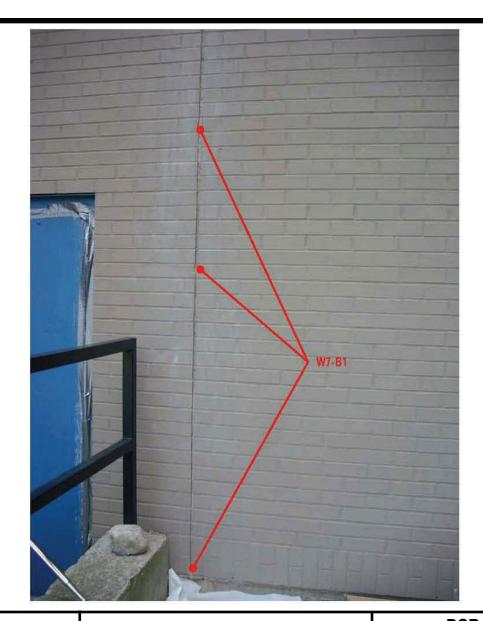




CLIENT	PCB SAMPLE LOCATIONS
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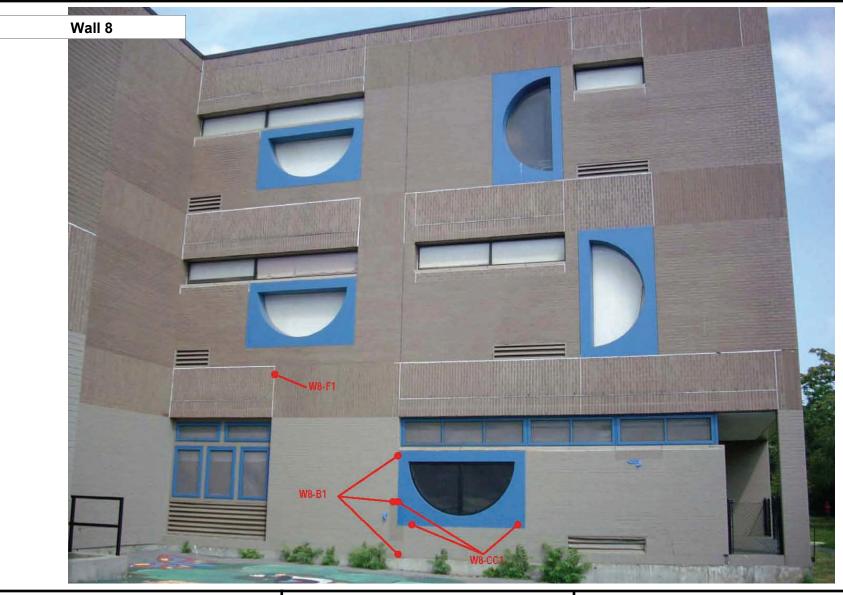
PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	5/12/2011	3

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CLIENT	PCB SAMPLE LOCATIONS			NS
BOSTON PUBLIC SCHOOLS	1 WORRELL STREET DORCHESTER, MASSACHUSETTS			
j	PROJECT	DRAWN BY	PRINT DATE	SHEET
	A6895A	SEE	5/12/2011	4

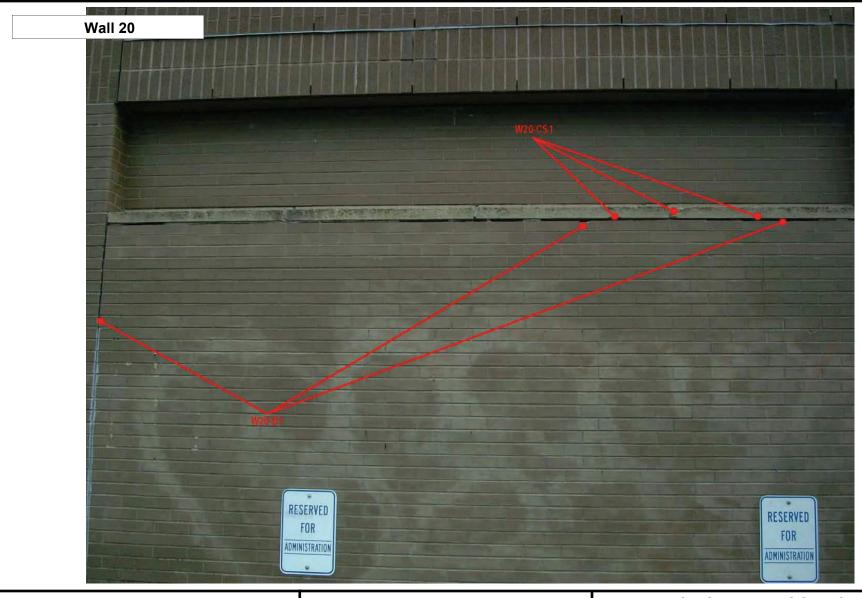




BOSTON PUBLIC SCHOOLS

PCB SAMPLE LOCATIONS

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PCB SAMPLE LOCATIONS

BOSTON PUBLIC SCHOOLS

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BOSTON PUBLIC SCHOOLS

CONFIRMATORY WIPE SAMPLE S

PROJECT	DRAWN BY	PRINT DATE	SHEET
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BOSTON PUBLIC SCHOOLS

PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	2





CLIENT	CONFIRMATORY WIPE SAMPLE S			
BOSTON PUBLIC SCHOOLS	1 WORRELL STREET DORCHESTER, MASSACHUSETTS			
	PROJECT	DRAWN BY	PRINT DATE	SHEET
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BOSTON PUBLIC SCHOOLS

PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	4





BOSTON PUBLIC SCHOOLS

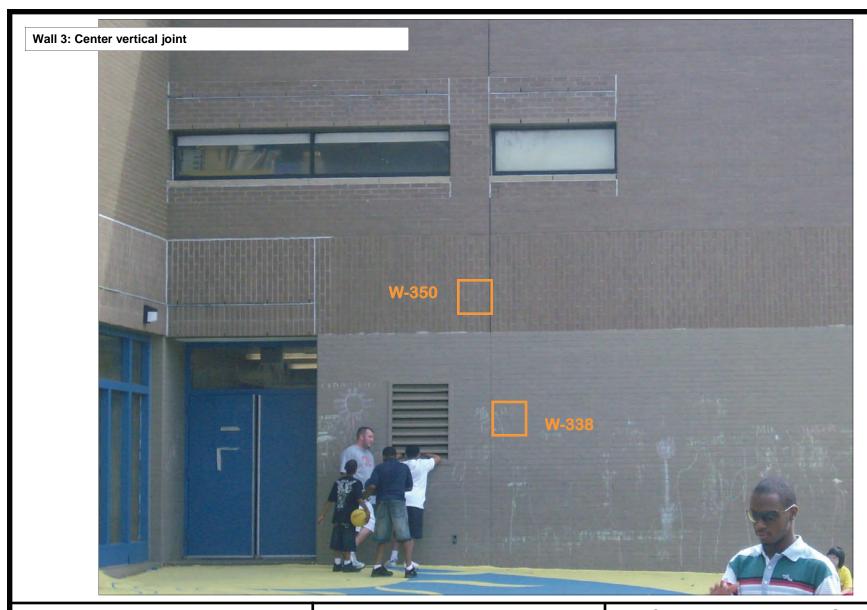
PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	5





BOSTON PUBLIC SCHOOLS

PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	6





BOSTON PUBLIC SCHOOLS

PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	7

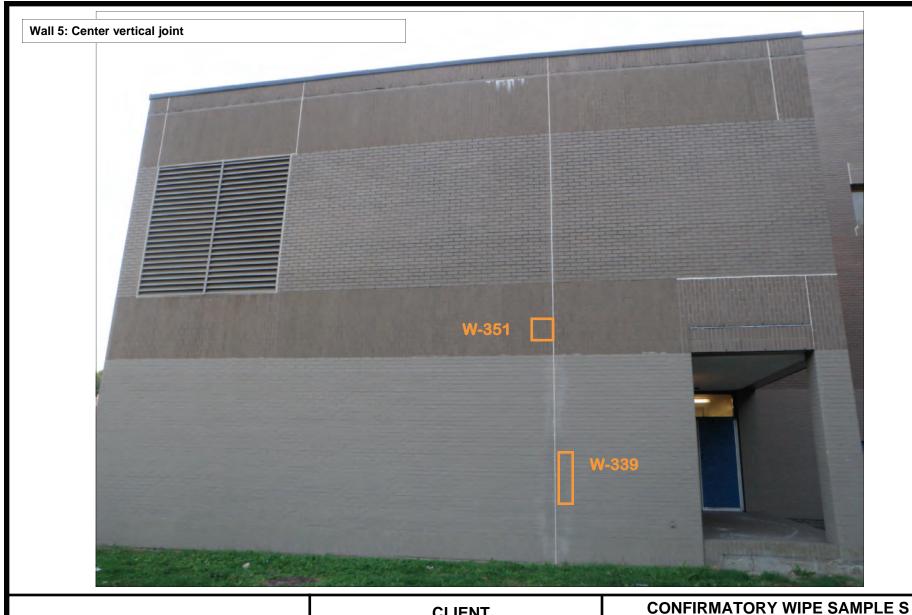




BOSTON PUBLIC SCHOOLS

CONFIRMATORY WIPE SAMPLE S

PROJECT	DRAWN BY	PRINT DATE	SHEET
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CLIENT	CON	FIRMATOR	1 WIPE SAI	WIPLE 3
BOSTON PUBLIC SCHOOLS	1 WORRELL STREET DORCHESTER, MASSACHUSETTS			
	PROJECT	1 WORRELL STREET	SHEET	

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1/12/2011

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	1 WODDELL STREET	

DORCHESTER, MASSACHUSETTS

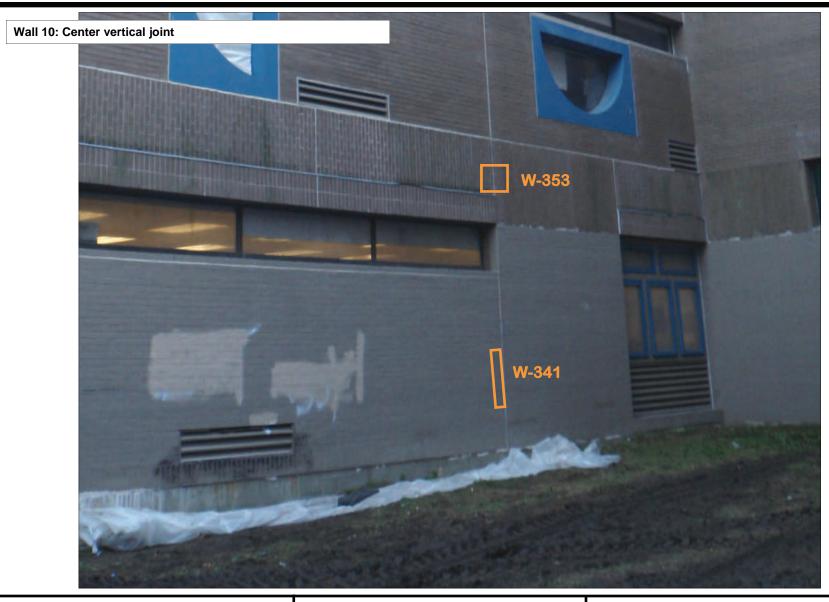
PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	11





CLIENT CONFIRMATORY WIPE SAMPLE S 1 WORRELL STREET DORCHESTER, MASSACHUSETTS

PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	12

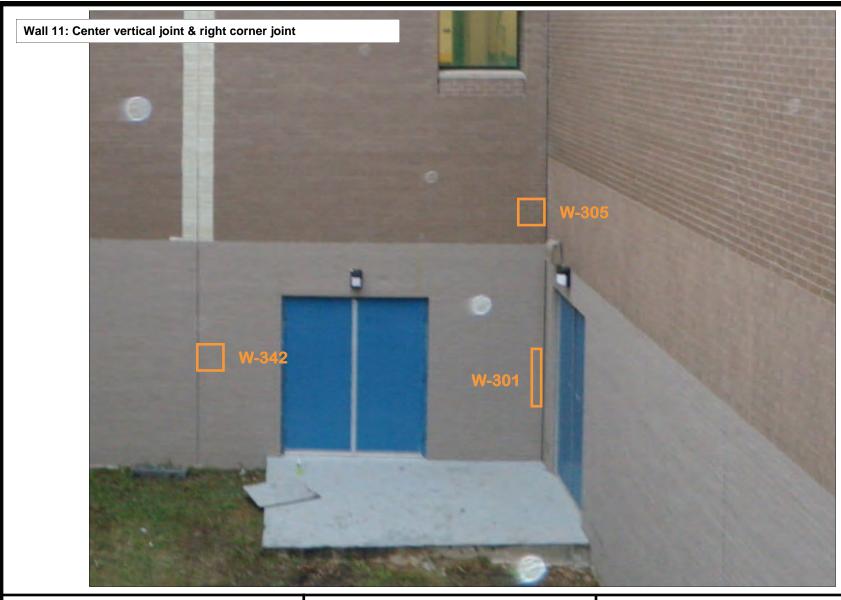




CLIENT CONFIRMATORY WIPE SAMPLE S 1 WORRELL STREET DORCHESTER, MASSACHUSETTS

BOSTON PU	BLIC SCHOOLS
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PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	13

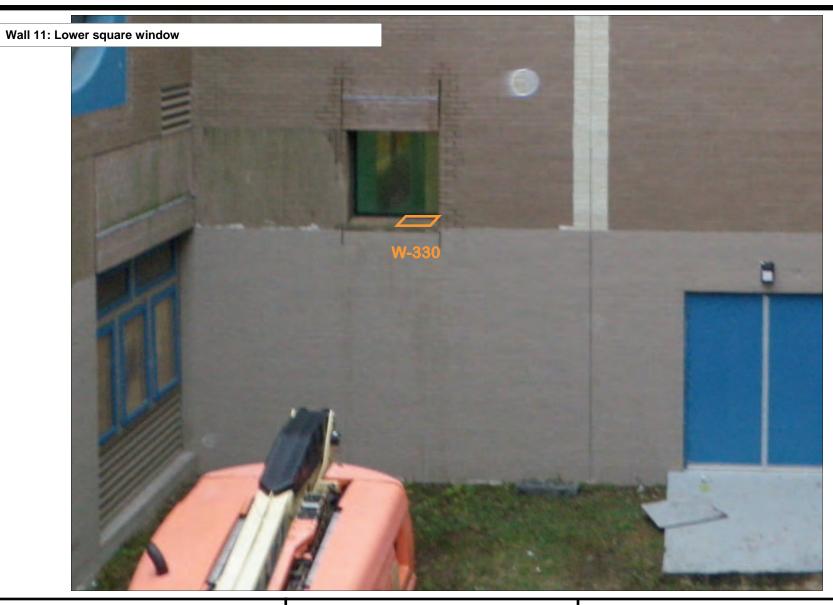




BOSTON PUBLIC SCHOOLS

CONFIRMATORY WIPE SAMPLE S

PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	14

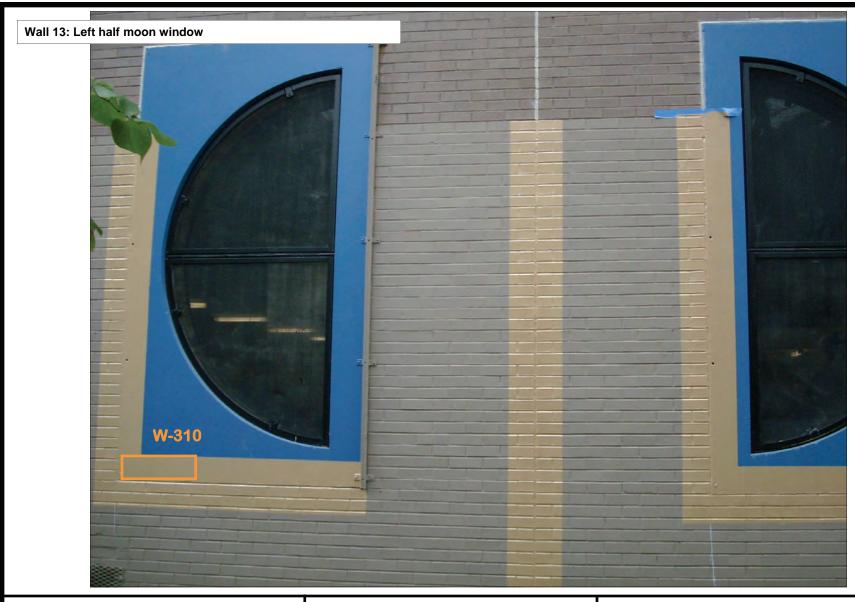




BOSTON PUBLIC SCHOOLS

CONFIRMATORY WIPE SAMPLE S

PROJECT	DRAWN BY	PRINT DATE	SHEET
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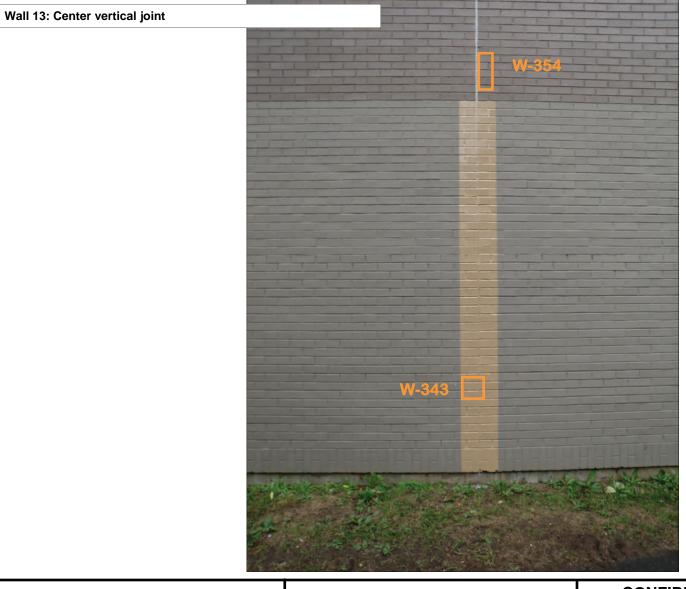




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CONFIRMATORY WIPE SAMPLE S

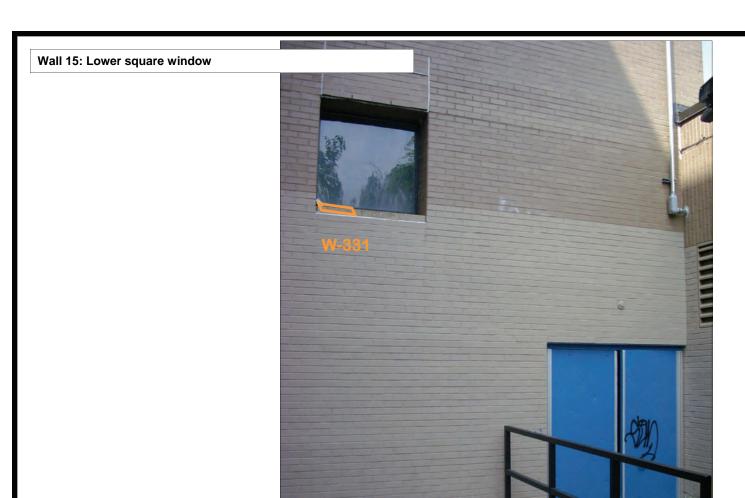
PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	16





BOSTON PUBLIC SCHOOLS

PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	17



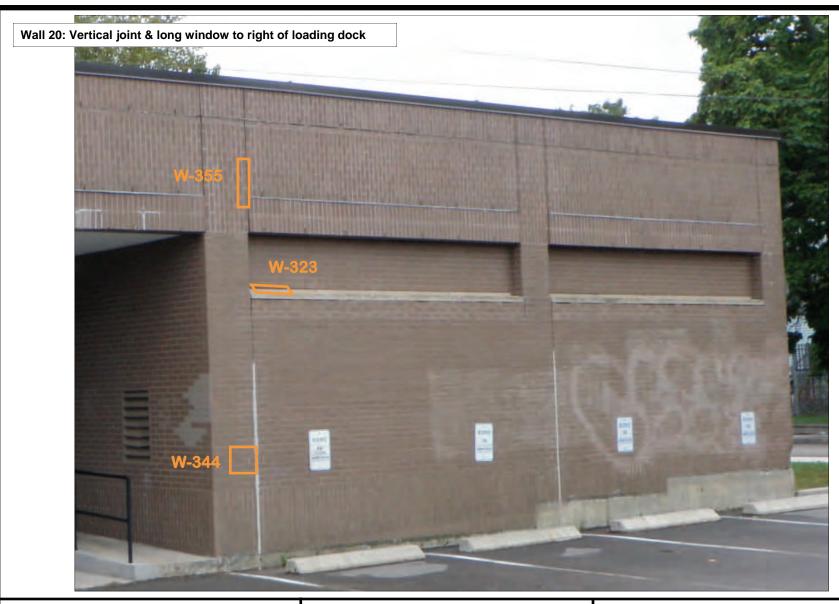


CLIENT	CONFIRMATORY WIPE SAMPLE S			MPLE S
BOSTON PUBLIC SCHOOLS	1 WORRELL STREET DORCHESTER, MASSACHUSETTS			
	PROJECT	DRAWN BY	PRINT DATE	SHEET
	A6895A	SEE	1/12/2011	18





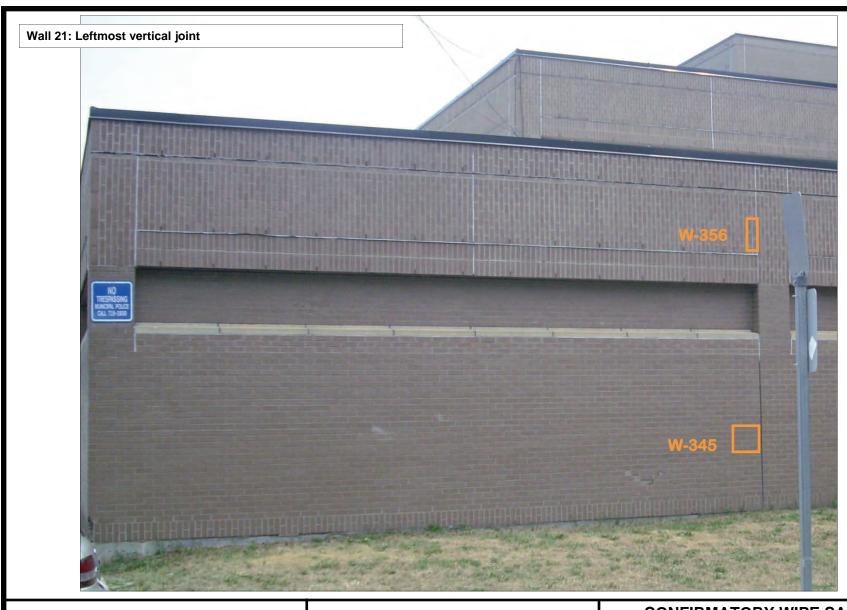
CLIENT	CONFIRMATORY WIPE SAMPLE S				
BOSTON PUBLIC SCHOOLS	1 WORRELL STREET DORCHESTER, MASSACHUSETTS				
	PROJECT	DRAWN BY	PRINT DATE	SHEET	
	A6895A	SEE	1/12/2011	19	





CLIENT CONFIRMATORY WIPE SAMPLE S 1 WORRELL STREET DORCHESTER, MASSACHUSETTS

PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	20



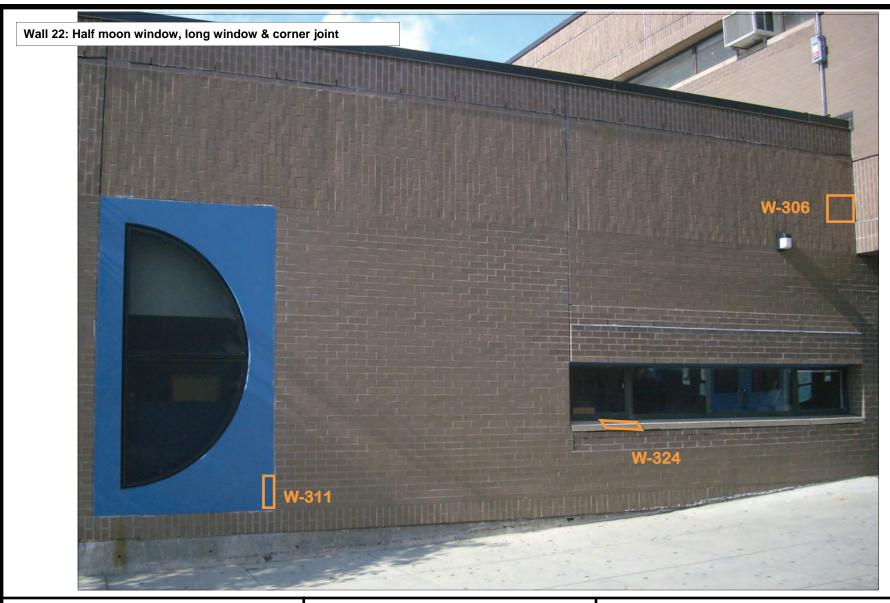


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BOSTON PUBLIC SCHOOLS

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CLIENT	CONFIRMATORY WIPE SAMPLE S
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CLIENT CONFIRMATORY WIPE SAMPLE S

BOSTON PUBLIC SCHOOLS

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CONFIRMATORY WIPE SAMPLE S

BOSTON PUBLIC SCHOOLS

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CONFIRMATORY WIPE SAMPLE S

BOSTON PUBLIC SCHOOLS

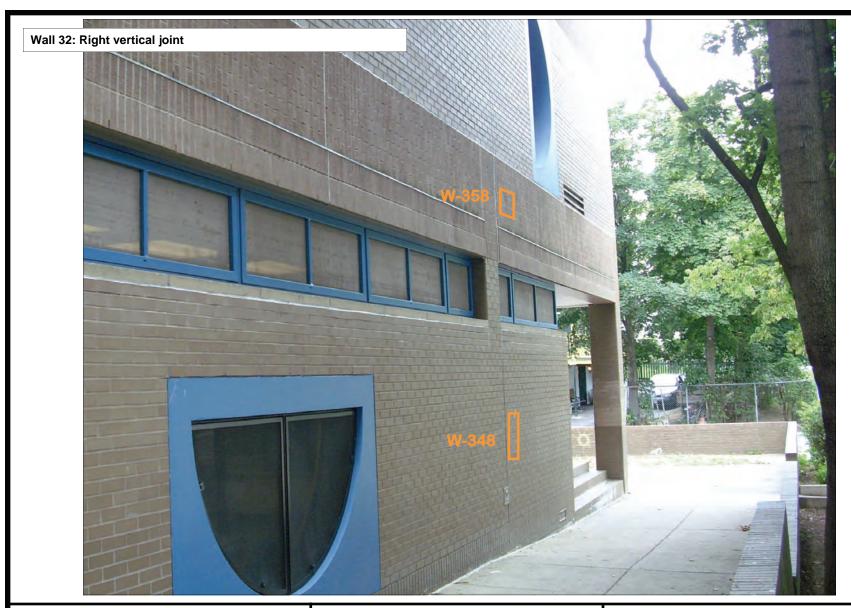
PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	25





CLIENT	CONFIRMATORY WIPE SAMPLE S	

PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	26





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BOSTON PUBLIC SCHOOLS

CONFIRMATORY WIPE SAMPLE S

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A6895A	SEE	1/12/2011	27



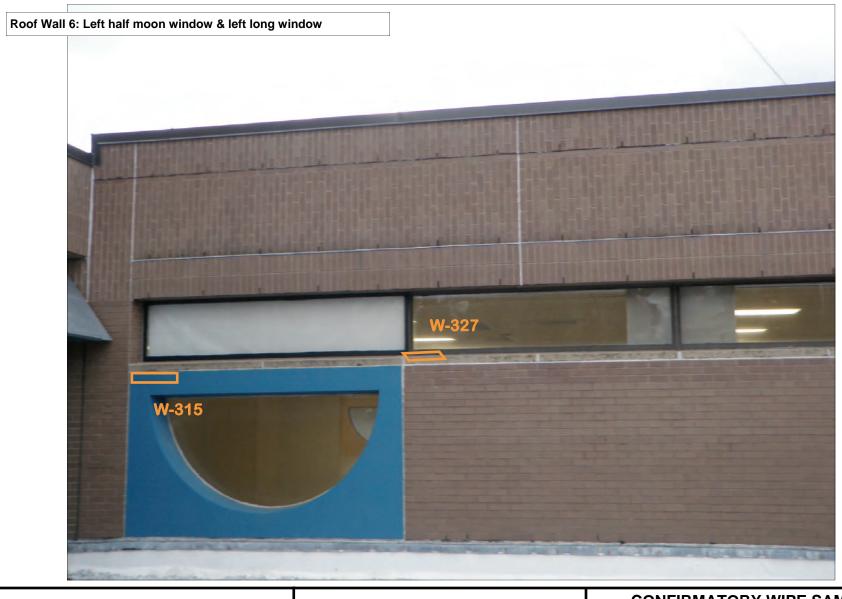


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BOSTON PUBLIC SCHOOLS

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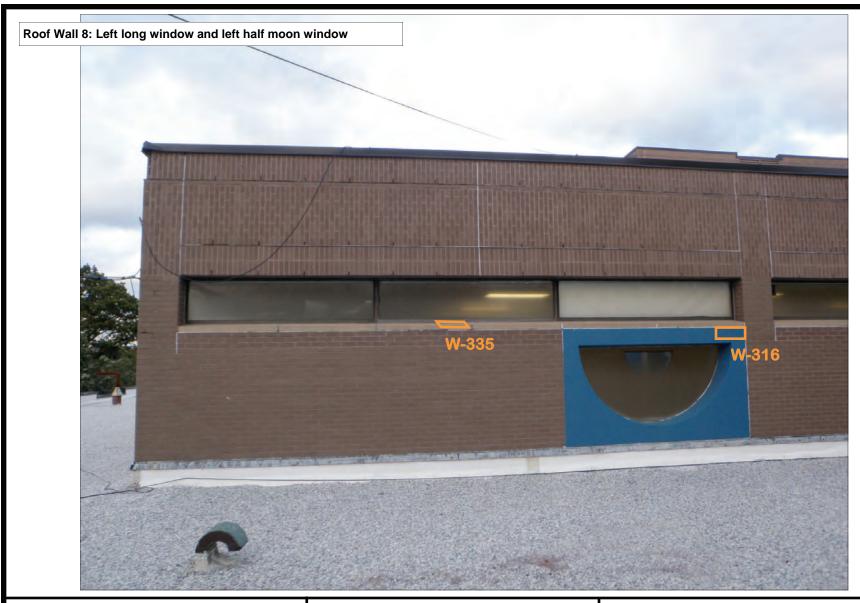
CONFIRMATORY WIPE SAMPLE S

PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	30





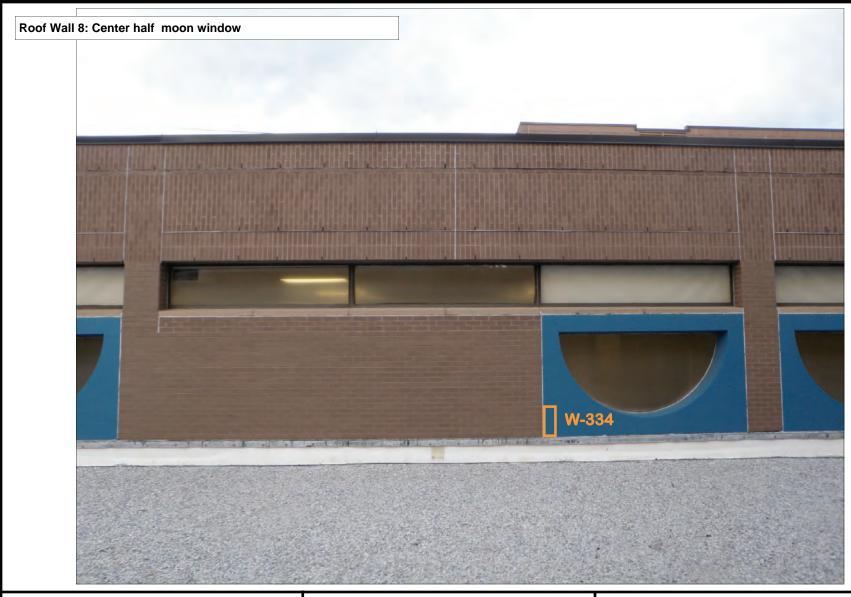
CLIENT	CON	FIRMATOR	Y WIPE SAI	VIPLE S		
BOSTON PUBLIC SCHOOLS	DO	1 WORRELL STREET DORCHESTER, MASSACHUSETTS				
	PROJECT	DRAWN BY	PRINT DATE	SHEET		
	A6895A	SEE	1/12/2011	31		





CLIENT	CONFIRMATORY WIPE SAMPLE S
STON BUBLIC COLLOCI C	1 WORRELL STREET DORCHESTER, MASSACHUSETTS

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A6895A	SEE	1/12/2011	32





CLIENT	CONFIRMATORY WIPE SAMPLE S
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PROJECT	DRAWN BY	PRINT DATE	SHEET
A6895A	SEE	1/12/2011	33





CLIENT	CONFIRMATORY WIPE SAMPLE S
DOCTON BURLIO COLLOOL C	1 WORRELL STREET DORCHESTER, MASSACHUSETTS

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CLIENT CONFIRMATORY WIPE SAMPLE S

BOSTON PUBLIC SCHOOLS

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APPENDIX B

Laboratory Reports



August 25, 2010

Jesse Krawiec Resource Control Associates - RI 474 Broadway Pawtucket, RI 02860

Project Location: 1 Worrell St., Dorchester, MA

Client Job Number: Project Number: A6895

Laboratory Work Order Number: 10H0559

Holy L. Tolson

Enclosed are results of analyses for samples received by the laboratory on August 19, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom Project Manager



Resource Control Associates - RI REPORT DATE: 8/25/2010

474 Broadway

Pawtucket, RI 02860 PURCHASE ORDER NUMBER: Task 005

ATTN: Jesse Krawiec

PROJECT NUMBER: A6895

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10H0559

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 Worrell St., Dorchester, MA

FIELD SAMPLE # LAB ID: MATRIX SAMPLE DESCRIPTION TEST SUB LAB

W8-F1 10H0559-01 Product/Solid SW-846 8082



CASE NARRATIVE SUMMARY

An reported results are within defined laboratory	/ quanty	control objectives	uniess i	isted below	or otherwise of	quanned in this	героп.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the

Daren J. Damboragian Laboratory Manager

best of my knowledge and belief, accurate and complete.



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0559

Date Received: 8/19/2010

Field Sample #: W8-F1 Sampled: 8/18/2010 15:35

Sample ID: 10H0559-01
Sample Matrix: Product/Solid

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082	8/21/10	8/25/10 5:08	JMB
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082	8/21/10	8/25/10 5:08	JMB
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082	8/21/10	8/25/10 5:08	JMB
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082	8/21/10	8/25/10 5:08	JMB
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082	8/21/10	8/25/10 5:08	JMB
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082	8/21/10	8/25/10 5:08	JMB
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082	8/21/10	8/25/10 5:08	JMB
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082	8/21/10	8/25/10 5:08	JMB
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082	8/21/10	8/25/10 5:08	JMB
Surrogates		% Recovery	Recovery Limi	ts	Flag				
Decachlorobiphenyl [1]		87.7	30-150					8/25/10 5:08	
Decachlorobiphenyl [2]		144	30-150					8/25/10 5:08	
Tetrachloro-m-xylene [1]		78.4	30-150					8/25/10 5:08	
Tetrachloro-m-xylene [2]		78.9	30-150					8/25/10 5:08	



Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10H0559-01 [W8-F1]	B018082	0.509	10.0	08/21/10



QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018082 - SW-846 3540C										
Blank (B018082-BLK1)				Prepared: 08	3/21/10 Anal	yzed: 08/25/	10			
Aroclor-1016	ND	0.010	mg/Kg							
Aroclor-1016 [2C]	ND	0.010	mg/Kg							
Aroclor-1221	ND	0.010	mg/Kg							
Aroclor-1221 [2C]	ND	0.010	mg/Kg							
Aroclor-1232	ND	0.010	mg/Kg							
Aroclor-1232 [2C]	ND	0.010	mg/Kg							
Aroclor-1242	ND	0.010	mg/Kg							
aroclor-1242 [2C]	ND	0.010	mg/Kg							
Aroclor-1248	ND	0.010	mg/Kg							
Aroclor-1248 [2C]	ND	0.010	mg/Kg							
Aroclor-1254	ND	0.010	mg/Kg							
aroclor-1254 [2C]	ND	0.010	mg/Kg							
Aroclor-1260	ND	0.010	mg/Kg							
aroclor-1260 [2C]	ND	0.010	mg/Kg							
Aroclor-1262	ND	0.010	mg/Kg							
aroclor-1262 [2C]	ND	0.010	mg/Kg							
Aroclor-1268	ND	0.010	mg/Kg							
aroclor-1268 [2C]	ND	0.010	mg/Kg							
urrogate: Decachlorobiphenyl	0.182		mg/Kg	0.200		90.9	30-150			
urrogate: Decachlorobiphenyl [2C]	0.181		mg/Kg	0.200		90.5	30-150			
urrogate: Tetrachloro-m-xylene	0.215		mg/Kg	0.200		107	30-150			
urrogate: Tetrachloro-m-xylene [2C]	0.230		mg/Kg	0.200		115	30-150			
LCS (B018082-BS1)				Prepared: 08	3/21/10 Anal	yzed: 08/25/	10			
Aroclor-1016	0.055	0.010	mg/Kg	0.0500		110	40-140			
Aroclor-1016 [2C]	0.057	0.010	mg/Kg	0.0500		114	40-140			
aroclor-1260	0.059	0.010	mg/Kg	0.0500		117	40-140			
aroclor-1260 [2C]	0.063	0.010	mg/Kg	0.0500		127	40-140			
urrogate: Decachlorobiphenyl	0.203		mg/Kg	0.200		102	30-150			
urrogate: Decachlorobiphenyl [2C]	0.205		mg/Kg	0.200		102	30-150			
urrogate: Tetrachloro-m-xylene	0.250		mg/Kg	0.200		125	30-150			
surrogate: Tetrachloro-m-xylene [2C]	0.274		mg/Kg	0.200		137	30-150			
CS Dup (B018082-BSD1)				Prepared: 08	3/21/10 Anal	yzed: 08/25/	10			
Aroclor-1016	0.056	0.010	mg/Kg	0.0500		112	40-140	2.25	30	
aroclor-1016 [2C]	0.058	0.010	mg/Kg	0.0500		115	40-140	1.31	30	
Aroclor-1260	0.056	0.010	mg/Kg	0.0500		112	40-140	4.26	30	
Aroclor-1260 [2C]	0.058	0.010	mg/Kg	0.0500		115	40-140	9.36	30	
Surrogate: Decachlorobiphenyl	0.198		mg/Kg	0.200		99.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.205		mg/Kg	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene	0.235		mg/Kg	0.200		118	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.263		mg/Kg	0.200		132	30-150			



FLAG/QUALIFIER SUMMARY

- * QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits estabished for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.



CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications	
SW-846 8082 in Product/Solid		
Aroclor-1016	CT,NH,NY	
Aroclor-1016 [2C]	CT,NH,NY	
Aroclor-1221	CT,NH,NY	
Aroclor-1221 [2C]	CT,NH,NY	
Aroclor-1232	CT,NH,NY	
Aroclor-1232 [2C]	CT,NH,NY	
Aroclor-1242	CT,NH,NY	
Aroclor-1242 [2C]	CT,NH,NY	
Aroclor-1248	CT,NH,NY	
Aroclor-1248 [2C]	CT,NH,NY	
Aroclor-1254	CT,NH,NY	
Aroclor-1254 [2C]	CT,NH,NY	
Aroclor-1260	CT,NH,NY	
Aroclor-1260 [2C]	CT,NH,NY	

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publile Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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L LABORATOR

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#	MA State DW Form Required PWSID#		AMILY FIRST	
		† Connecticut:	by: (signature) // Date/Time:	Relinquished
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) MOD Rorm Decuired	Day	Date/Time/	C Received b
O = other Foam	Is your project MCP or RCP?	ay Massachusetts:	Rossins - r-Day	
or sluage	nigh; M - Medium; L - Low; C - Clean; U - Unknown]		Relinguishe
S = soil/solid		1	recordes by end-of-day worlday, August 23	1400
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ww= wastewater	the following parties and the following parties are the following parties and the following parties are the following part	Dioperation	S;	Comments
GW= groundwater				
*Matrix Code:				
O = Other				
T = Na thiosulfate				
X = Na hydroxide				
B = Sodium bisulfate				
S= Sulfuric Acid				
M = Methanol				
#= HCL				
l = lced				
**Preservation				
O =Other		15:35 × 0	— () W8-F1 8/18/2010 1	
T=tedlar bag	PC	Date/Time Composite Grab Lode Long Long	Date/Time	(iaborat
S≃summa can	CBs	ing "Matrix	o ID Client Sample ID / Description Beginning	Con-Te
V= vial		0	Collection	
ST=sterile		F.	proposal date	O yes_
P=plastic	082,	Format: PDF OEXCEL OGIS	Project Proposal Provided? (for billing purposes)	Project
A=amber glass	Sc	ail: jkrawiec@resourcecontrols.com	Email:	sampled ву:
***Cont. Code:		✓ 27.7		
	et		1 Worrell St, Dorchester, MA	Project Location:
O Lab to Filter	ext	DEAY DEMAIL DWESSITE	Jesse Krawiec	Attention:
O Field Filtered	rac	CHECK TOP I GON COO		
Dissolved Metals		<u>.</u> . 1.	Pawtucket RI 02860	
	ANALYSIS REQUESTED	Project # A6895A	474 Broadway	Address:
5 I	>	Telephone: (401) 728-6860	Company Name: Resource Controls Tell	Company
			www.contestiabs.com)
# of Containers 9				
Page 1 of 1 of 10	RECORD 39 Spruce Street East longmeadow, MA 01028	CHAIN OF CUSTODY	Fax: 413-525-2332	
				ooder ooder ooder ooder

IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. TTURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Received by (signature)

0

Date/Time: ☐ †72-Hr ☐ †4-Day

[†]Require lab approval

Other:

TSCA

NELAC & AIHA Certified WBE/DBE Certified

	Sample R	eceipt Checklist		P: 413	1028 525-2332 525-6405
CLIENT NAME: Les	source C.	RECEIVED BY:	B	_date:8	-19
1) Was the chain(s) of custody	y relinquished and siç	gned?	S No		
2) Does the chain agree with the lf not, explain:	he samples?	Ye	s) No		
3) Are all the samples in good if not, explain:	condition?	A.	s) No		•
4) How were the samples recei	ived:		-		
•	Sampling	Ambient In C	ooler(s)	[]	
Were the samples received in		ince of (2-6°C)?	s) No	N/A	
Temperature °C by Temp blank	0 -	_Temperature °C by Ter	np gun	And the second s	
5) Are there Dissolved samples		Ye	s No		
Who was notified		Time			
6) Are there any samples "On H		Ye		Stored where:	
Who was notified	stored: 19	Permission		ntract samples? if not already a	
	-	Client Signs	turor		
		Client Signa	ture:		
C	containers rec				y V
C	ontainers rec	Client Signa		# of 0	containers
C 1 Liter Amber			est	# of 0	containers
		eived at Con-T 8 oz amber/ 4 oz amber/	est clear jar		containers
1 Liter Amber		8 oz amber/ 4 oz amber/ 2 oz amber/	est clear jar clear jar clear jar		
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic		8 oz amber/ 4 oz amber/ 2 oz amber/ Other glas	est clear jar clear jar clear jar clear jar		
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1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type fisted below Colisure / bacteria bottle Dissolved Oxygen bottle		8 oz amber/ 4 oz amber/ 2 oz amber/ Other glas Plastic Bag Air Cass SOC k Tubes Non-ConTest (est clear jar clear jar clear jar clear jar zs jar Ziploc ette it		
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type fisted below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle		8 oz amber/ 4 oz amber/ 2 oz amber/ Other glas Plastic Bag Air Cass SOC k Tubes Non-ConTest (est clear jar clear jar clear jar clear jar zietar jar ziploc ette it		
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type fisted below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore		8 oz amber/ 4 oz amber/ 2 oz amber/ Other glas Plastic Bag Air Cass SOC k Tubes Non-ConTest (Other PM 2.5 / P	est clear jar clear jar clear jar clear jar dis jar di		
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1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type fisted below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit		8 oz amber/ 4 oz amber/ 2 oz amber/ Other glas Plastic Bag Air Cass SOC k Tubes Non-ConTest (Other PM 2.5 / P	est clear jar clear jar clear jar clear jar s jar Ziploc ette it Container M 10 dge		

Thiosulfate

control and all samples have the proper Acid pH: Yes

all samples have the proper Base pH: Yes

Unpreserved

N/A

N/A

June 2010



September 7, 2010

Jesse Krawiec Resource Control Associates - RI 474 Broadway Pawtucket, RI 02860

Project Location: 1 Worrell St., Dorchester, MA

Client Job Number: Project Number: A6895

Laboratory Work Order Number: 10H0861

Holy L. Tolson

Enclosed are results of analyses for samples received by the laboratory on August 30, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom Project Manager



Resource Control Associates - RI REPORT DATE: 9/7/2010

474 Broadway

Pawtucket, RI 02860 PURCHASE ORDER NUMBER: 541265

ATTN: Jesse Krawiec

PROJECT NUMBER: A6895

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10H0861

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 Worrell St., Dorchester, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W8-B1	10H0861-01	Concrete		SW-846 8082	
W8-CC1	10H0861-02	Concrete		SW-846 8082	
W7-B1	10H0861-03	Concrete		SW-846 8082	
W4-B1	10H0861-04	Concrete		SW-846 8082	
W4-CC1	10H0861-05	Concrete		SW-846 8082	
W4-CS1	10H0861-06	Concrete		SW-846 8082	
W4-B2	10H0861-07	Concrete		SW-846 8082	
W4-CC2	10H0861-08	Concrete		SW-846 8082	
W2-B1	10H0861-09	Concrete		SW-846 8082	
W2-B2	10H0861-10	Concrete		SW-846 8082	
W2-B3	10H0861-11	Concrete		SW-846 8082	
W2-CS2	10H0861-12	Concrete		SW-846 8082	
W2-CC1	10H0861-13	Concrete		SW-846 8082	
W2-CS1	10H0861-14	Concrete		SW-846 8082	



CASE NARRATIVE SUMMARY

A	Il reported results are	e within define	d laboratory qu	ality control	objectives unl	ess listed belo	ow or otherwise	qualified in this repor	i.
			J 1	5	3				

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson Laboratory Director Culu



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W8-B1 Sampled: 8/26/2010 14:10

Sample ID: 10H0861-01
Sample Matrix: Concrete

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.40	mg/Kg	4		SW-846 8082	8/31/10	9/3/10 16:39	JB
Aroclor-1221 [1]	ND	0.40	mg/Kg	4		SW-846 8082	8/31/10	9/3/10 16:39	ЈВ
Aroclor-1232 [1]	ND	0.40	mg/Kg	4		SW-846 8082	8/31/10	9/3/10 16:39	ЈВ
Aroclor-1242 [1]	ND	0.40	mg/Kg	4		SW-846 8082	8/31/10	9/3/10 16:39	JB
Aroclor-1248 [1]	ND	0.40	mg/Kg	4		SW-846 8082	8/31/10	9/3/10 16:39	JB
Aroclor-1254 [1]	3.5	0.40	mg/Kg	4		SW-846 8082	8/31/10	9/3/10 16:39	JB
Aroclor-1260 [1]	ND	0.40	mg/Kg	4		SW-846 8082	8/31/10	9/3/10 16:39	JB
Aroclor-1262 [1]	ND	0.40	mg/Kg	4		SW-846 8082	8/31/10	9/3/10 16:39	JB
Aroclor-1268 [1]	ND	0.40	mg/Kg	4		SW-846 8082	8/31/10	9/3/10 16:39	JB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		96.4	30-150					9/3/10 16:39	
Decachlorobiphenyl [2]		90.7	30-150					9/3/10 16:39	
Tetrachloro-m-xylene [1]		99.9	30-150					9/3/10 16:39	
Tetrachloro-m-xylene [2]		94.3	30-150					9/3/10 16:39	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W8-CC1 Sampled: 8/26/2010 14:16

Sample ID: 10H0861-02
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 22:41	JB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 22:41	JB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 22:41	JB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 22:41	JB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 22:41	JB
Aroclor-1254 [1]	0.53	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 22:41	JB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 22:41	JB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 22:41	JB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 22:41	JB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		98.1	30-150					9/2/10 22:41	
Decachlorobiphenyl [2]		95.8	30-150					9/2/10 22:41	
Tetrachloro-m-xylene [1]		93.6	30-150					9/2/10 22:41	
Tetrachloro-m-xylene [2]		91.6	30-150					9/2/10 22:41	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W7-B1 Sampled: 8/26/2010 14:22

Sample ID: 10H0861-03
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 16:53	JB
Aroclor-1221 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 16:53	JB
Aroclor-1232 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 16:53	JB
Aroclor-1242 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 16:53	JB
Aroclor-1248 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 16:53	JB
Aroclor-1254 [1]	42	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 16:53	JB
Aroclor-1260 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 16:53	JB
Aroclor-1262 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 16:53	JB
Aroclor-1268 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 16:53	JB
Surrogates		% Recovery	Recovery Limits	3	Flag				
Decachlorobiphenyl [1]		93.4	30-150					9/3/10 16:53	
Decachlorobiphenyl [2]		82.9	30-150					9/3/10 16:53	
Tetrachloro-m-xylene [1]		101	30-150					9/3/10 16:53	
Tetrachloro-m-xylene [2]		91.9	30-150					9/3/10 16:53	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W4-B1 Sampled: 8/26/2010 14:35

Sample ID: 10H0861-04
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.91	mg/Kg	10		SW-846 8082	8/31/10	9/3/10 14:59	JB
Aroclor-1221 [1]	ND	0.91	mg/Kg	10		SW-846 8082	8/31/10	9/3/10 14:59	JB
Aroclor-1232 [1]	ND	0.91	mg/Kg	10		SW-846 8082	8/31/10	9/3/10 14:59	JB
Aroclor-1242 [1]	ND	0.91	mg/Kg	10		SW-846 8082	8/31/10	9/3/10 14:59	JB
Aroclor-1248 [1]	ND	0.91	mg/Kg	10		SW-846 8082	8/31/10	9/3/10 14:59	JB
Aroclor-1254 [1]	11	0.91	mg/Kg	10		SW-846 8082	8/31/10	9/3/10 14:59	JB
Aroclor-1260 [1]	ND	0.91	mg/Kg	10		SW-846 8082	8/31/10	9/3/10 14:59	JB
Aroclor-1262 [1]	ND	0.91	mg/Kg	10		SW-846 8082	8/31/10	9/3/10 14:59	JB
Aroclor-1268 [1]	ND	0.91	mg/Kg	10		SW-846 8082	8/31/10	9/3/10 14:59	JB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		109	30-150					9/3/10 14:59	
Decachlorobiphenyl [2]		95.4	30-150					9/3/10 14:59	
Tetrachloro-m-xylene [1]		98.4	30-150					9/3/10 14:59	
Tetrachloro-m-xylene [2]		90.1	30-150					9/3/10 14:59	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W4-CC1 Sampled: 8/26/2010 14:40

Sample ID: 10H0861-05
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:07	JB
Aroclor-1221 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:07	JB
Aroclor-1232 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:07	JB
Aroclor-1242 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:07	JB
Aroclor-1248 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:07	JB
Aroclor-1254 [1]	2.5	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:07	JB
Aroclor-1260 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:07	JB
Aroclor-1262 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:07	JB
Aroclor-1268 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:07	JB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		96.5	30-150					9/3/10 17:07	
Decachlorobiphenyl [2]		87.8	30-150					9/3/10 17:07	
Tetrachloro-m-xylene [1]		95.4	30-150					9/3/10 17:07	
Tetrachloro-m-xylene [2]		91.5	30-150					9/3/10 17:07	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W4-CS1 Sampled: 8/26/2010 14:50

Sample ID: 10H0861-06
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:39	JB
Aroclor-1221 [1]	ND	0.091	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:39	JB
Aroclor-1232 [1]	ND	0.091	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:39	JB
Aroclor-1242 [1]	ND	0.091	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:39	JB
Aroclor-1248 [1]	ND	0.091	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:39	JB
Aroclor-1254 [1]	0.61	0.091	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:39	JB
Aroclor-1260 [1]	ND	0.091	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:39	JB
Aroclor-1262 [1]	ND	0.091	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:39	JB
Aroclor-1268 [1]	ND	0.091	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:39	JB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		94.7	30-150					9/2/10 23:39	
Decachlorobiphenyl [2]		99.6	30-150					9/2/10 23:39	
Tetrachloro-m-xylene [1]		91.3	30-150					9/2/10 23:39	
Tetrachloro-m-xylene [2]		88.5	30-150					9/2/10 23:39	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W4-B2 Sampled: 8/27/2010 08:00

Sample ID: 10H0861-07
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:53	JB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:53	JB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:53	JB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:53	JB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:53	JВ
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:53	JВ
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:53	JВ
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:53	JВ
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/2/10 23:53	JВ
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		95.5	30-150					9/2/10 23:53	
Decachlorobiphenyl [2]		95.9	30-150					9/2/10 23:53	
Tetrachloro-m-xylene [1]		93.0	30-150					9/2/10 23:53	
Tetrachloro-m-xylene [2]		90.2	30-150					9/2/10 23:53	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W4-CC2 Sampled: 8/27/2010 08:10

Sample ID: 10H0861-08
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 0:51	JB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 0:51	JB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 0:51	JB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 0:51	JB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 0:51	JB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 0:51	JB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 0:51	JB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 0:51	JB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 0:51	JB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		95.5	30-150					9/3/10 0:51	
Decachlorobiphenyl [2]		93.8	30-150					9/3/10 0:51	
Tetrachloro-m-xylene [1]		88.3	30-150					9/3/10 0:51	
Tetrachloro-m-xylene [2]		85.5	30-150					9/3/10 0:51	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W2-B1 Sampled: 8/27/2010 12:45

Sample ID: 10H0861-09
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	1.8	mg/Kg	20		SW-846 8082	8/31/10	9/3/10 17:22	JB
Aroclor-1221 [1]	ND	1.8	mg/Kg	20		SW-846 8082	8/31/10	9/3/10 17:22	JB
Aroclor-1232 [1]	ND	1.8	mg/Kg	20		SW-846 8082	8/31/10	9/3/10 17:22	JB
Aroclor-1242 [1]	ND	1.8	mg/Kg	20		SW-846 8082	8/31/10	9/3/10 17:22	JB
Aroclor-1248 [1]	ND	1.8	mg/Kg	20		SW-846 8082	8/31/10	9/3/10 17:22	JB
Aroclor-1254 [1]	22	1.8	mg/Kg	20		SW-846 8082	8/31/10	9/3/10 17:22	JB
Aroclor-1260 [1]	ND	1.8	mg/Kg	20		SW-846 8082	8/31/10	9/3/10 17:22	JB
Aroclor-1262 [1]	ND	1.8	mg/Kg	20		SW-846 8082	8/31/10	9/3/10 17:22	JB
Aroclor-1268 [1]	ND	1.8	mg/Kg	20		SW-846 8082	8/31/10	9/3/10 17:22	JB
Surrogates		% Recovery	Recovery Limits		Flag				
Decachlorobiphenyl [1]		118	30-150					9/3/10 17:22	
Decachlorobiphenyl [2]		93.7	30-150					9/3/10 17:22	
Tetrachloro-m-xylene [1]		92.3	30-150					9/3/10 17:22	
Tetrachloro-m-xylene [2]		84.6	30-150					9/3/10 17:22	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W2-B2 Sampled: 8/27/2010 12:50

Sample ID: 10H0861-10
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.45	mg/Kg	5		SW-846 8082	8/31/10	9/3/10 17:37	JB
Aroclor-1221 [1]	ND	0.45	mg/Kg	5		SW-846 8082	8/31/10	9/3/10 17:37	JB
Aroclor-1232 [1]	ND	0.45	mg/Kg	5		SW-846 8082	8/31/10	9/3/10 17:37	JB
Aroclor-1242 [1]	ND	0.45	mg/Kg	5		SW-846 8082	8/31/10	9/3/10 17:37	JB
Aroclor-1248 [1]	ND	0.45	mg/Kg	5		SW-846 8082	8/31/10	9/3/10 17:37	JB
Aroclor-1254 [1]	4.8	0.45	mg/Kg	5		SW-846 8082	8/31/10	9/3/10 17:37	JB
Aroclor-1260 [1]	ND	0.45	mg/Kg	5		SW-846 8082	8/31/10	9/3/10 17:37	JB
Aroclor-1262 [1]	ND	0.45	mg/Kg	5		SW-846 8082	8/31/10	9/3/10 17:37	JB
Aroclor-1268 [1]	ND	0.45	mg/Kg	5		SW-846 8082	8/31/10	9/3/10 17:37	JB
Surrogates		% Recovery	Recovery Limi	ts	Flag				
Decachlorobiphenyl [1]		100	30-150					9/3/10 17:37	
Decachlorobiphenyl [2]		90.3	30-150					9/3/10 17:37	
Tetrachloro-m-xylene [1]		93.2	30-150					9/3/10 17:37	
Tetrachloro-m-xylene [2]		87.8	30-150					9/3/10 17:37	
Aroclor-1254 [1] Aroclor-1260 [1] Aroclor-1262 [1] Aroclor-1268 [1] Surrogates Decachlorobiphenyl [1] Decachlorobiphenyl [2] Tetrachloro-m-xylene [1]	4.8 ND ND	0.45 0.45 0.45 0.45 0.45 % Recovery 100 90.3 93.2	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg 30-150 30-150	5 5 5 5	Flag	SW-846 8082 SW-846 8082 SW-846 8082 SW-846 8082		8/31/10 8/31/10 8/31/10 8/31/10	8/31/10 9/3/10 17:37 8/31/10 9/3/10 17:37 8/31/10 9/3/10 17:37 8/31/10 9/3/10 17:37 8/31/10 9/3/10 17:37 9/3/10 17:37 9/3/10 17:37 9/3/10 17:37



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W2-B3 Sampled: 8/27/2010 12:55

Sample ID: 10H0861-11
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 1:34	JB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 1:34	JB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 1:34	JB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 1:34	JB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 1:34	JB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 1:34	JB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 1:34	JB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 1:34	JB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 1:34	JB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		99.2	30-150					9/3/10 1:34	
Decachlorobiphenyl [2]		101	30-150					9/3/10 1:34	
Tetrachloro-m-xylene [1]		91.2	30-150					9/3/10 1:34	
Tetrachloro-m-xylene [2]		84.7	30-150					9/3/10 1:34	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W2-CS2 Sampled: 8/27/2010 13:00

Sample ID: 10H0861-12
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:52	JB
Aroclor-1221 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:52	JB
Aroclor-1232 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:52	JB
Aroclor-1242 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:52	JB
Aroclor-1248 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:52	JB
Aroclor-1254 [1]	2.0	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:52	JB
Aroclor-1260 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:52	JB
Aroclor-1262 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:52	JB
Aroclor-1268 [1]	ND	0.20	mg/Kg	2		SW-846 8082	8/31/10	9/3/10 17:52	JB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		99.3	30-150					9/3/10 17:52	
Decachlorobiphenyl [2]		90.4	30-150					9/3/10 17:52	
Tetrachloro-m-xylene [1]		95.7	30-150					9/3/10 17:52	
Tetrachloro-m-xylene [2]		91.6	30-150					9/3/10 17:52	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W2-CC1 Sampled: 8/27/2010 13:05

Sample ID: 10H0861-13
Sample Matrix: Concrete

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	4.0	mg/Kg	40	1 11115	SW-846 8082	8/31/10	9/3/10 18:06	JB
Aroclor-1221 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 18:06	JB
Aroclor-1232 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 18:06	JB
Aroclor-1242 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 18:06	JB
Aroclor-1248 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 18:06	JB
Aroclor-1254 [1]	41	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 18:06	JB
Aroclor-1260 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 18:06	JB
Aroclor-1262 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 18:06	JB
Aroclor-1268 [1]	ND	4.0	mg/Kg	40		SW-846 8082	8/31/10	9/3/10 18:06	JB
Surrogates		% Recovery	Recovery Limits	3	Flag				
Decachlorobiphenyl [1]		115	30-150					9/3/10 18:06	
Decachlorobiphenyl [2]		99.1	30-150					9/3/10 18:06	
Tetrachloro-m-xylene [1]		99.5	30-150					9/3/10 18:06	
Tetrachloro-m-xylene [2]		88.4	30-150					9/3/10 18:06	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 10H0861

Date Received: 8/30/2010

Field Sample #: W2-CS1 Sampled: 8/27/2010 13:15

Sample ID: 10H0861-14
Sample Matrix: Concrete

	D 1	D.	***	D11 -1	T.		Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 2:17	JB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 2:17	JB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 2:17	JB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 2:17	JB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 2:17	JB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 2:17	JB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 2:17	JB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 2:17	JB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	8/31/10	9/3/10 2:17	JB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		100	30-150					9/3/10 2:17	
Decachlorobiphenyl [2]		98.5	30-150					9/3/10 2:17	
Tetrachloro-m-xylene [1]		88.3	30-150					9/3/10 2:17	
Tetrachloro-m-xylene [2]		84.7	30-150					9/3/10 2:17	



Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date	
10H0861-01 [W8-B1]	B018558	2.00	10.0	08/31/10	
10H0861-02 [W8-CC1]	B018558	2.00	10.0	08/31/10	
10H0861-03 [W7-B1]	B018558	2.00	10.0	08/31/10	
10H0861-04 [W4-B1]	B018558	2.20	10.0	08/31/10	
10H0861-05 [W4-CC1]	B018558	2.00	10.0	08/31/10	
10H0861-06 [W4-CS1]	B018558	2.20	10.0	08/31/10	
10H0861-07 [W4-B2]	B018558	2.00	10.0	08/31/10	
10H0861-08 [W4-CC2]	B018558	2.00	10.0	08/31/10	
10H0861-09 [W2-B1]	B018558	2.20	10.0	08/31/10	
10H0861-10 [W2-B2]	B018558	2.20	10.0	08/31/10	
10H0861-11 [W2-B3]	B018558	2.00	10.0	08/31/10	
10H0861-12 [W2-CS2]	B018558	2.00	10.0	08/31/10	
10H0861-13 [W2-CC1]	B018558	2.00	10.0	08/31/10	
10H0861-14 [W2-CS1]	B018558	2.00	10.0	08/31/10	



QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018558 - SW-846 3540C										
Blank (B018558-BLK1)				Prepared: 08	3/31/10 Anal	yzed: 09/02/	10			
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
aroclor-1268 [2C]	ND	0.10	mg/Kg							
urrogate: Decachlorobiphenyl	0.952		mg/Kg	1.00		95.2	30-150			
urrogate: Decachlorobiphenyl [2C]	0.934		mg/Kg	1.00		93.4	30-150			
urrogate: Tetrachloro-m-xylene	0.940		mg/Kg	1.00		94.0	30-150			
urrogate: Tetrachloro-m-xylene [2C]	0.915		mg/Kg	1.00		91.5	30-150			
.CS (B018558-BS1)				Prepared: 08	3/31/10 Anal	yzed: 09/02/	10			
Aroclor-1016	0.25	0.10	mg/Kg	0.250		98.3	40-140			
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250		103	40-140			
Aroclor-1260	0.27	0.10	mg/Kg	0.250		109	40-140			
aroclor-1260 [2C]	0.26	0.10	mg/Kg	0.250		104	40-140			
urrogate: Decachlorobiphenyl	1.00		mg/Kg	1.00		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.977		mg/Kg	1.00		97.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.919		mg/Kg	1.00		91.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.894		mg/Kg	1.00		89.4	30-150			
CS Dup (B018558-BSD1)				Prepared: 08	3/31/10 Anal	yzed: 09/02/	10			
Aroclor-1016	0.25	0.10	mg/Kg	0.250		99.0	40-140	0.774	30	
aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		99.0	40-140	4.14	30	
Aroclor-1260	0.26	0.10	mg/Kg	0.250		105	40-140	3.68	30	
Aroclor-1260 [2C]	0.24	0.10	mg/Kg	0.250		97.8	40-140	6.06	30	
Surrogate: Decachlorobiphenyl	0.961		mg/Kg	1.00		96.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.948		mg/Kg	1.00		94.8	30-150			
Surrogate: Tetrachloro-m-xylene	0.903		mg/Kg	1.00		90.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.876		mg/Kg	1.00		87.6	30-150			



FLAG/QUALIFIER SUMMARY

- * QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits estabished for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.



CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications	
SW-846 8082 in Product/Solid		
Aroclor-1016	CT,NH,NY	
Aroclor-1016 [2C]	CT,NH,NY	
Aroclor-1221	CT,NH,NY	
Aroclor-1221 [2C]	CT,NH,NY	
Aroclor-1232	CT,NH,NY	
Aroclor-1232 [2C]	CT,NH,NY	
Aroclor-1242	CT,NH,NY	
Aroclor-1242 [2C]	CT,NH,NY	
Aroclor-1248	CT,NH,NY	
Aroclor-1248 [2C]	CT,NH,NY	
Aroclor-1254	CT,NH,NY	
Aroclor-1254 [2C]	CT,NH,NY	
Aroclor-1260	CT,NH,NY	
Aroclor-1260 [2C]	CT,NH,NY	

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publile Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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□ [†] 72-Hr □ [†] 4-Day [†] Require lab approval	شر			Turnaround †			8/27/2010 12:50	8/27/2010 12:45	8/27/2010 8:10	8/27/2010 8:00	8/26/2010 14:50	8/26/2010 14:40	8/26/2010 14:35	8/26/2010 14:22	8/26/2010 14:16	8/26/2010 14:10	Beginning Ending Date/Time Date/Time	Collection	Format:	Email:		DATA DE	Client PO#	Project #	Telepho		stlabs.com	_
val Other: TSCA	Connecticut:		Massachusetts:	Detection Limit Requiremen	<u> </u>	Please use may	×	× ×	×	x s U	0 x s U	0 x s U	5 x s U	2 x s U	8 × s U	X	Col	O "Enhanced Data Package"		jkrawiec@resourcecontrols.com	© CANAGE OF ACCOUNTS	ō	O# Task 005	# A6895A	Telephone: (401) 728-6860	•	1980HD	CHAIN OF CUSTODY
	O MA) O M		S	H - High; M - Medium; L - Low:	use the following codes to let Coh-Test know if a specific may be high in concentration in Matrix/Conc. Code Box:	√	√	√	√ 	√	√	√ 	√	√	✓		by	8082,	•	clet	exti	cact	ANALYSIS	6		10	RECORD
AIHA A	State DW Form Required	MCP Form Required	ls your project MCP or RCP	Ciocari, O Circulowill	M - Medium: L - Low: C - Clean: II - I Inknown	ŝ																		\$ REQUESTED				39 Spruce Street East longmeadow, MA 01028
NELAC & AIHA Certified	PWSID#	1,11,11,11,11	پ.					*Matrix Code:	0 = Other	T = Na thiosulfate	B = Sodium bisulfate	N = Nitric Acid	M = Mcthanol	= Iced	**Preservation	0=Other	S=summa can T=tedlar bag	V= vial	P=plastic ST=sterile	A=amber glass	***Cont. Code:		O Field Filtered	Dissolved Metals	***Container Co		# of Containers	Pageof

IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. NELAC & AIHA Certification of the Complete of

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT



#		O ACP	(8:	Massachusetts Connecticut:	7-Day 10-Day Other soay 73) RUSH † 748-Hr O *148-Hr		8 30 Date/Time:	Repelved by: (signature) Reingelsheebby: (signature)
0 = other	is your project MCP or RCP?	Ш	imit Requ	Detection	Turnaround **	¥	Date/Time: 8/70/10 31.74	Reinquished by: (signature)
S = soil/solid SL = sludge	C - Clean: U - Unknown	И - Medium; L - Low;						
DW= drinking water A = air	sample	following codes to let Coh-Test know if a specific high in concentration in Matrix/Conc. Code Box.	Please use the fo					5-day TAT
GW = groundwater WW = wastewater							**************************************	Comments:
*Matrix Code:							Avieto and analysis	
0 = Other								
X = Na hydroxide T = Na thiosulfate								
B = Sodium bisulfate							TITAL THE PROPERTY AND	
N = Nitric Acid								
M = Mcthanol			x s U	×	0 13:15	8/27/2010	W2-CS1	
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O =Other				×		8/27/2010	W2-B3	1
S=summa can T=tedlar bag		PCBS	пс Софе	Co	g Ending e Date/Time	On Beginning Date/Time	Client Sample ID / Description	(labaratory use only)
V= vial		Бу	"Enhanced Data Package"	O "Enhancec	ec			4
P=plastic ST=sterile		8082	XCEL OGIS	PDF	Format:		ed? (for billing purposes)proposal date	Project Proposal Provided? (for billing purposes) O yesproposal date
A=amber glass G=glass		, 30.	jkrawiec@resourcecontrols.com	jkrawiec@res	Email:		Shauna Edson	Sampled By: Shau
***Cont, Code;		X. C L		ı		MA	t, Dorchester,	tion:
				OFAX	OFAX (Jesse Krawiec	Attention Jes
O Field Filtered				# Task 005	Client PO#		Pawtucket, RI 02860	THE STATE OF THE S
Dissolved Metals	ANALYSIS REQUESTED			A6895A	Project#		474 Broadway	Address: 474
_			-6860 G	Telephone: (401) 728-6860	Telephone		ource Controls	Company Name: Resource Controls
# of Containers 2			4 -	•		www.contestlabs.com		97 0000
Page 2 of 24	39 Spruce Street East longmeadow, MA 01028	ECORD 398	USTODY R	AIN OF CI	<u>}</u>	Phone: 413-525-2332 Fax: 413-525-6405	ANALYTICAL LABORATORY Email: 1	ANALYTI ANALYTI

IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

735 Date/Time: 172-Hr 14-Day

WBE/DBE Certified TSCA STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

NELAC & AIHA Certified

www.contestlabs.com



Sample Receipt Checklist

39 Spruce St. East Longmeadow, MA. 01028

P: 413-525-2332 F: 413-525-6405

				·
1) Was the chain(s) of custody r	elinquished and sig	ned?	(Yes) No	
2) Does the chain agree with the lf not, explain:	e samples?		(Yes) No	
3) Are all the samples in good could be left not, explain:	ondition?		Yes No	
4) How were the samples receive	ed:			
On Ice Direct from S	ampling \square	Ambient	In Cooler(s)	
Were the samples received in Te	emperature Complia	nce of (2-6°C)?	Yes No N	I/A
Temperature °C by Temp blank	5.00	_Temperature °C by	Temp gun	
5) Are there Dissolved samples f	or the lab to filter?		Yes (No	
Who was notified	Date	Time		
6) Are there any samples "On Ho		-	Yes No Sto	ored where:
7) Are there any RUSH or SHORT		mples?	Yes No	
Who was notified		•		
3) Location where samples are st	. [_	sion to subcontra	ot samples? Yes No
y Location where samples are st	ored:			•
			• ,	ot already approved
		Cilent S	ignature:	
Co	ntainers rec	eived at Cor	n-Test	
	# of containers			# of containers
1 Liter Amber			ber/clear jar	
500 mL Amber			ber(clear) jar	14
250 mL Amber (8oz amber)		2 oz am	ber/clear jar	14
250 mL Amber (8oz amber) 1 Liter Plastic		2 oz am Other	ber/clear jar glass jar	14
250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic		2 oz am Other Plastic I	ber/clear jar rglass jar Bag / Ziploc	14
250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic		2 oz am Other Plastic I Air C	ber/clear jar glass jar Bag / Ziploc Cassette	14
250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below		2 oz am Other Plastic I Air C	ber/clear jar r glass jar Bag / Ziploc Cassette DC Kit	14
250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle		2 oz am Other Plastic I Air C SC	ber/clear jar glass jar Bag / Ziploc Cassette DC Kit ubes	
250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle		2 oz am Other Plastic I Air C SC TI Non-ConT	ber/clear jar r glass jar Bag / Ziploc Cassette DC Kit ubes est Container	
250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle		2 oz am Other Plastic I Air C SC TI Non-ConT	ber/clear jar glass jar Bag / Ziploc Cassette DC Kit ubes est Container	
250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle		2 oz am Other Plastic I Air C SC T Non-ConT	ber/clear jar glass jar Bag / Ziploc Cassette DC Kit ubes est Container Other	
250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore		2 oz am Other Plastic I Air C SC T Non-ConT	ber/clear jar glass jar Bag / Ziploc Cassette DC Kit ubes est Container	
250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit	# Methanol	2 oz am Other Plastic I Air C SC T Non-ConT	ber/clear jar r glass jar Bag / Ziploc Cassette DC Kit ubes est Container other 5 / PM 10 Cartridge	and Date Frozen:
250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit boratory Comments:		2 oz am Other Plastic I Air C SC T Non-ConT	ber/clear jar r glass jar Bag / Ziploc Cassette DC Kit ubes est Container other 5 / PM 10 Cartridge	and Date Frozen:
250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit boratory Comments:	# DI Water	2 oz am Other Plastic I Air C SC T Non-ConT	ber/clear jar r glass jar Bag / Ziploc Cassette DC Kit ubes est Container other 5 / PM 10 Cartridge	and Date Frozen:



September 14, 2010

Jesse Krawiec Resource Control Associates - RI 474 Broadway Pawtucket, RI 02860

Project Location: 1 Worrell St., Dorchester, MA

Client Job Number: Project Number: A6895

Laboratory Work Order Number: 10I0179

Holy L. Tolson

Enclosed are results of analyses for samples received by the laboratory on September 7, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom Project Manager



Resource Control Associates - RI REPORT DATE: 9/14/2010

474 Broadway

Pawtucket, RI 02860 PURCHASE ORDER NUMBER: Task 005

ATTN: Jesse Krawiec

PROJECT NUMBER: A6895

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10I0179

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 Worrell St., Dorchester, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W-206	10I0179-01	Wipe		SW-846 8082	
W-207	10I0179-02	Wipe		SW-846 8082	
W-208	10I0179-03	Wipe		SW-846 8082	
W-209	10I0179-04	Wipe		SW-846 8082	
W-210	10I0179-05	Wipe		SW-846 8082	



CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise quality	juanned in this report.
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The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson Laboratory Director Culu



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010179

Date Received: 9/7/2010

Field Sample #: W-206 Sampled: 9/3/2010 09:00

Sample ID: 10I0179-01
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:01	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:01	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:01	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:01	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:01	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:01	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:01	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:01	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:01	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		101	30-150					9/9/10 17:01	
Decachlorobiphenyl [2]		89.0	30-150					9/9/10 17:01	
Tetrachloro-m-xylene [1]		109	30-150					9/9/10 17:01	
Tetrachloro-m-xylene [2]		102	30-150					9/9/10 17:01	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010179

Date Received: 9/7/2010

Field Sample #: W-207 Sampled: 9/3/2010 08:10

Sample ID: 10I0179-02
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:14	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:14	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:14	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:14	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:14	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:14	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:14	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:14	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:14	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		80.7	30-150					9/9/10 17:14	
Decachlorobiphenyl [2]		75.4	30-150					9/9/10 17:14	
Tetrachloro-m-xylene [1]		87.0	30-150					9/9/10 17:14	
Tetrachloro-m-xylene [2]		82.5	30-150					9/9/10 17:14	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010179

Date Received: 9/7/2010

Field Sample #: W-208 Sampled: 9/3/2010 07:33

Sample ID: 10I0179-03
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:26	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:26	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:26	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:26	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:26	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:26	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:26	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:26	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:26	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		91.9	30-150					9/9/10 17:26	
Decachlorobiphenyl [2]		84.0	30-150					9/9/10 17:26	
Tetrachloro-m-xylene [1]		95.6	30-150					9/9/10 17:26	
Tetrachloro-m-xylene [2]		93.7	30-150					9/9/10 17:26	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010179

Date Received: 9/7/2010

Field Sample #: W-209 Sampled: 9/3/2010 07:30

Sample ID: 10I0179-04
Sample Matrix: Wipe

Polych	lorinated	Rinhenvls	By GC/ECD

			•						
							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:38	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:38	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:38	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:38	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:38	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:38	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:38	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:38	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:38	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		110	30-150					9/9/10 17:38	
Decachlorobiphenyl [2]		97.0	30-150					9/9/10 17:38	
Tetrachloro-m-xylene [1]		110	30-150					9/9/10 17:38	
Tetrachloro-m-xylene [2]		103	30-150					9/9/10 17:38	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010179

Date Received: 9/7/2010

Field Sample #: W-210 Sampled: 9/3/2010 08:02

Sample ID: 10I0179-05
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:50	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:50	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:50	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:50	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:50	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:50	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:50	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:50	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/8/10	9/9/10 17:50	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		109	30-150					9/9/10 17:50	
Decachlorobiphenyl [2]		98.4	30-150					9/9/10 17:50	
Tetrachloro-m-xylene [1]		106	30-150					9/9/10 17:50	
Tetrachloro-m-xylene [2]		101	30-150					9/9/10 17:50	



Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
10I0179-01 [W-206]	B018955	1.00	10.0	09/08/10
10I0179-02 [W-207]	B018955	1.00	10.0	09/08/10
10I0179-03 [W-208]	B018955	1.00	10.0	09/08/10
10I0179-04 [W-209]	B018955	1.00	10.0	09/08/10
10I0179-05 [W-210]	B018955	1.00	10.0	09/08/10



QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B018955 - SW-846 3540C										
Blank (B018955-BLK1)				Prepared: 09	0/08/10 Anal	yzed: 09/09/	10			
Aroclor-1016	ND	0.20	μg/Wipe							
Aroclor-1016 [2C]	ND	0.20	μg/Wipe							
Aroclor-1221	ND	0.20	μg/Wipe							
Aroclor-1221 [2C]	ND	0.20	μg/Wipe							
Aroclor-1232	ND	0.20	μg/Wipe							
Aroclor-1232 [2C]	ND	0.20	μg/Wipe							
Aroclor-1242	ND	0.20	μg/Wipe							
Aroclor-1242 [2C]	ND	0.20	μg/Wipe							
Aroclor-1248	ND	0.20	μg/Wipe							
Aroclor-1248 [2C]	ND	0.20	μg/Wipe							
Aroclor-1254	ND	0.20	μg/Wipe							
Aroclor-1254 [2C]	ND	0.20	μg/Wipe							
Aroclor-1260	ND	0.20	μg/Wipe							
Aroclor-1260 [2C]	ND	0.20	μg/Wipe							
Aroclor-1262	ND	0.20	μg/Wipe							
Aroclor-1262 [2C]	ND	0.20	μg/Wipe							
Aroclor-1268	ND	0.20	μg/Wipe							
Aroclor-1268 [2C]	ND	0.20	μg/Wipe							
Surrogate: Decachlorobiphenyl	2.04		μg/Wipe	2.00		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.80		μg/Wipe	2.00		89.9	30-150			
Surrogate: Tetrachloro-m-xylene	2.24		μg/Wipe	2.00		112	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.07		μg/Wipe	2.00		103	30-150			
LCS (B018955-BS1)				Prepared: 09	0/08/10 Anal	yzed: 09/09/	10			
Aroclor-1016	0.59	0.20	μg/Wipe	0.500		118	40-140			
Aroclor-1016 [2C]	0.58	0.20	μg/Wipe	0.500		117	40-140			
Aroclor-1260	0.55	0.20	μg/Wipe	0.500		111	40-140			
Aroclor-1260 [2C]	0.51	0.20	μg/Wipe	0.500		103	40-140			
Surrogate: Decachlorobiphenyl	2.14		μg/Wipe	2.00		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.89		$\mu g/Wipe$	2.00		94.4	30-150			
Surrogate: Tetrachloro-m-xylene	2.26		$\mu g/Wipe$	2.00		113	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.08		$\mu g/Wipe$	2.00		104	30-150			
LCS Dup (B018955-BSD1)				Prepared: 09	0/08/10 Anal	yzed: 09/09/	10			
Aroclor-1016	0.58	0.20	μg/Wipe	0.500		117	40-140	1.05	30	
Aroclor-1016 [2C]	0.56	0.20	μg/Wipe	0.500		112	40-140	4.31	30	
Aroclor-1260	0.53	0.20	μg/Wipe	0.500		106	40-140	4.10	30	
Aroclor-1260 [2C]	0.48	0.20	μg/Wipe	0.500		96.7	40-140	5.91	30	
Surrogate: Decachlorobiphenyl	2.03		μg/Wipe	2.00		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.81		$\mu g/Wipe$	2.00		90.3	30-150			
Surrogate: Tetrachloro-m-xylene	2.06		$\mu g/Wipe$	2.00		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.90		$\mu g/Wipe$	2.00		95.2	30-150			



FLAG/QUALIFIER SUMMARY

- QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits estabished for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.



CERTIFICATIONS

Certified Analyses included in this Report

Analyte Certifications

No certified Analyses included in this Report

 $The \ CON-TEST \ Environmental \ Laboratory \ operates \ under \ the \ following \ certifications \ and \ accreditations:$

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

9/7/10 7 CD 124-Hr 1 148-Hr	Religiplished by: (signature) Date/Trime: RUSH † Connacticut:	(signature) Date/Time: / > Y Q	Middle Clay 17+10 80000 0 7-Day Massachusetts:	Date/Time: Turnaround Detection Limit Re	L	5- CM A.	A supplies						X X X X X X X X X X		-01 W-209 770 V M	- 03 U-208 F:33 X O	0 X M 201.8	-01 12-206 alle/6 X C	Con-lest Lab ID Client Sample ID / Description Beginning Ending Ending Composite Grab Code Code	Collection O "Enhanced Data Packag	Project Proposal Provided? (for billing purposes) O yes proposal date Format: O OTHER OCIS	2 80 80 80	tion: 1 Norrell St Brewester, MA Fax#	JOHN LA	ウンルゆの Client PO#	Address: 474 5 roadway Project # A6895A	y Name: Kesou	www.contestlabs.com	ANALYTICAL LARGRATORY Email: info@contestlabs.com	
# CICAAL DBIRDAN IIIO 1 AA DBIBO CAA	O RCP Analysis Certification Form Required	O MCP Analytical Certification Form Required		quirements	H - High; M - Wedium; L - Low; C - Clean; U - Unknown	may be high in concentration in Matrix/Conc, Code Box:	Please use the following codes to let Con-Test know if a specific sample						× ×			X		X	Cone Code K	œ.	(eg 8	300	525	50x ext	(Et -	ANALYSIS REQUESTED	(P)		(
0#	ired	quired		0 = other // C	St = sludge	A = air S = soil/solid	DW = drinking water	WW = groundwater	*Matrix Code:	O = Other NEXAME	T = Na thiosulfate	B = Sodium bisulfate X = Na hydroxide	S = Sulfuric Acid	N = Nitric Acid	X = XO	i = iced	**Dreservation	O=Other	S≃summa can T≈tedlar bag	Siv =V	P=plastic ST=sterile	A=amber glass G=glass	***Cont. Code:	O Lab to Filter	O Field Filtered	Dissolved I F	***Container age	-	# of Contain. 5	

COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED.

TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT

PLEASE BE CAREFUL NOT TO CONTAMINATE THE POSITIONENT

NELAC & AIHA Certified WBE/DBE Certified

Other:

Received by: (signature)

Date/Time:

2105

Require lab approval 🗖 †72-Hr 🗖 †4-Day www.contestlabs.com



Sample Receipt Checklist

39 Spruce St. East Longmeadow, MA. 01028

> P: 413-525-2332 F: 413-525-6405

> > Page 14 of 14

CLIENT NAME: Restucce	Controls	RECEIVED BY: PB	DATE: 9 (7/10
1) Was the chain(s) of custody i	elinquished and sign	ned? Yes No	
2) Does the chain agree with the If not, explain:		Yes No	
 Are all the samples in good c If not, explain: 	ondition?	Yes No	
4) How were the samples receiv	ed:		
On Ice 📈 Direct from S	Sampling \square	Ambient In Cooler(s)	A
Were the samples received in To	emperature Complia	nce of (2-6°C)? (Yes) No	N/A
Temperature °C by Temp blank	***	Temperature °C by Temp gun	40
5) Are there Dissolved samples	for the lab to filter?	Yes (No)	
Who was notified	Date	Time	
6) Are there any samples "On Ho			Stored where:
7) Are there any RUSH or SHOR		nples? Yes No	
Who was notified			
B) Location where samples are s	r	¬	tract samples? Yes No
b) Location where samples are s	10164		·
			if not already approved
		Client Signature:	
C	ontainers rec	eived at Con-Test	
	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	15
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziploc	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	
aboratory Comments:			
0 1 3 4 4 4 0 1	# Methanol		Time and Date Frozen:
Dimiliyiais: #HCI			
		İ	
# HCI # HCI # Bisulfate # Thiosulfate	# DI Water		

Do all samples have the proper Base pH: Yes No N/A



September 21, 2010

Jesse Krawiec Resource Control Associates - RI 474 Broadway Pawtucket, RI 02860

Project Location: 1 Worrell St, Dorchester, MA

Client Job Number: Project Number: A6895A

Laboratory Work Order Number: 10I0389

Holy L. Tolson

Enclosed are results of analyses for samples received by the laboratory on September 14, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom Project Manager



Resource Control Associates - RI REPORT DATE: 9/21/2010

474 Broadway

Pawtucket, RI 02860 PURCHASE ORDER NUMBER: Task 005

ATTN: Jesse Krawiec

A6895A

PROJECT NUMBER:

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10I0389

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 Worrell St, Dorchester, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W20-CS1	10I0389-01	Concrete		SW-846 8082	
W20-B1	10I0389-02	Concrete		SW-846 8082	
W31-CS1	10I0389-03	Concrete		SW-846 8082	
W31-B1	10I0389-04	Concrete		SW-846 8082	
W32-CC1	10I0389-05	Concrete		SW-846 8082	
W22-CC1	10I0389-06	Concrete		SW-846 8082	



CASE NARRATIVE SUMMARY

All reported results are within defined laboratory	quanty	control objectives	uniess listed belo	ow or otherwise	quantied in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the

best of my knowledge and belief, accurate and complete.

Daren J. Damboragian Laboratory Manager



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 1010389

Date Received: 9/14/2010

Field Sample #: W20-CS1 Sampled: 9/13/2010 17:28

Sample ID: 10I0389-01
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:09	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:09	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:09	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:09	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:09	JMB
Aroclor-1254 [1]	0.25	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:09	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:09	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:09	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:09	JMB
Surrogates		% Recovery	Recovery Limi	ts	Flag				
Decachlorobiphenyl [1]		123	30-150					9/16/10 21:09	
Decachlorobiphenyl [2]		117	30-150					9/16/10 21:09	
Tetrachloro-m-xylene [1]		102	30-150					9/16/10 21:09	
Tetrachloro-m-xylene [2]		99.6	30-150					9/16/10 21:09	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 1010389

Date Received: 9/14/2010

Field Sample #: W20-B1 Sampled: 9/13/2010 17:39

Sample ID: 10I0389-02
Sample Matrix: Concrete

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.48	mg/Kg	5		SW-846 8082	9/14/10	9/17/10 8:13	JMB
Aroclor-1221 [1]	ND	0.48	mg/Kg	5		SW-846 8082	9/14/10	9/17/10 8:13	JMB
Aroclor-1232 [1]	ND	0.48	mg/Kg	5		SW-846 8082	9/14/10	9/17/10 8:13	JMB
Aroclor-1242 [1]	ND	0.48	mg/Kg	5		SW-846 8082	9/14/10	9/17/10 8:13	JMB
Aroclor-1248 [1]	ND	0.48	mg/Kg	5		SW-846 8082	9/14/10	9/17/10 8:13	JMB
Aroclor-1254 [2]	5.8	0.48	mg/Kg	5		SW-846 8082	9/14/10	9/17/10 8:13	JMB
Aroclor-1260 [1]	ND	0.48	mg/Kg	5		SW-846 8082	9/14/10	9/17/10 8:13	JMB
Aroclor-1262 [1]	ND	0.48	mg/Kg	5		SW-846 8082	9/14/10	9/17/10 8:13	JMB
Aroclor-1268 [1]	ND	0.48	mg/Kg	5		SW-846 8082	9/14/10	9/17/10 8:13	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		110	30-150					9/17/10 8:13	
Decachlorobiphenyl [2]		106	30-150					9/17/10 8:13	
Tetrachloro-m-xylene [1]		124	30-150					9/17/10 8:13	
Tetrachloro-m-xylene [2]		120	30-150					9/17/10 8:13	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 1010389

Date Received: 9/14/2010

Field Sample #: W31-CS1 Sampled: 9/13/2010 17:55

Sample ID: 10I0389-03
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:40	JMB
Aroclor-1221 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:40	JMB
Aroclor-1232 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:40	JMB
Aroclor-1242 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:40	JMB
Aroclor-1248 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:40	JMB
Aroclor-1254 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:40	JMB
Aroclor-1260 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:40	JMB
Aroclor-1262 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:40	JMB
Aroclor-1268 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:40	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		107	30-150					9/16/10 21:40	
Decachlorobiphenyl [2]		110	30-150					9/16/10 21:40	
Tetrachloro-m-xylene [1]		99.0	30-150					9/16/10 21:40	
Tetrachloro-m-xylene [2]		95.3	30-150					9/16/10 21:40	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 1010389

Date Received: 9/14/2010

Field Sample #: W31-B1 Sampled: 9/13/2010 17:58

Sample ID: 10I0389-04
Sample Matrix: Concrete

Polychloringter	l Rinhenvle	· By CC/FCD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:56	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:56	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:56	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:56	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:56	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:56	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:56	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:56	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 21:56	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		100	30-150					9/16/10 21:56	
Decachlorobiphenyl [2]		108	30-150					9/16/10 21:56	
Tetrachloro-m-xylene [1]		103	30-150					9/16/10 21:56	
Tetrachloro-m-xylene [2]		100	30-150					9/16/10 21:56	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 1010389

Date Received: 9/14/2010

Field Sample #: W32-CC1 Sampled: 9/13/2010 18:16

Sample ID: 10I0389-05
Sample Matrix: Concrete

D-1	D!ll.	D	CC/ECD
Polychloringted	Bibbenvis	вv	GC/ECD

Results						Date	D-4-/T:	
Results						Date	Date/Time	
	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
ND	0.095	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:11	JMB
ND	0.095	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:11	JMB
ND	0.095	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:11	JMB
ND	0.095	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:11	JMB
ND	0.095	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:11	JMB
ND	0.095	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:11	JMB
ND	0.095	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:11	JMB
ND	0.095	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:11	JMB
ND	0.095	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:11	JMB
	% Recovery	Recovery Limi	ts	Flag				
	136	30-150					9/16/10 22:11	
	127	30-150					9/16/10 22:11	
	98.3	30-150					9/16/10 22:11	
	96.1	30-150					9/16/10 22:11	
	ND	ND 0.095 ND 136 127 98.3	ND 0.095 mg/Kg ND 0.1095 mg/Kg ND 0.1095 mg/Kg ND 0.095 mg/Kg ND 0.095 mg/Kg ND 0.095 mg/Kg ND 0.095 mg/Kg	ND 0.095 mg/Kg 1 ND 0.095 mg/Kg 3 ND 0.095 mg/Kg 3 ND 0.095 mg/Kg 3 ND 0.095 mg/Kg 3 ND 0.095 mg/Kg 1	ND 0.095 mg/Kg 1 ND 0.095 mg/Kg 3	ND 0.095 mg/Kg 1 SW-846 8082 ND 0.095 mg/Kg 1 Flag	ND 0.095 mg/Kg 1 SW-846 8082 9/14/10	ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11 ND 0.095 mg/Kg 1 SW-846 8082 9/14/10 9/16/10 22:11



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 1010389

Date Received: 9/14/2010

Field Sample #: W22-CC1 Sampled: 9/13/2010 18:24

Sample ID: 10I0389-06
Sample Matrix: Concrete

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:27	JMB
Aroclor-1221 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:27	JMB
Aroclor-1232 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:27	JMB
Aroclor-1242 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:27	JMB
Aroclor-1248 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:27	JMB
Aroclor-1254 [2]	0.14	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:27	JMB
Aroclor-1260 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:27	JMB
Aroclor-1262 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:27	JMB
Aroclor-1268 [1]	ND	0.091	mg/Kg	1		SW-846 8082	9/14/10	9/16/10 22:27	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		125	30-150					9/16/10 22:27	
Decachlorobiphenyl [2]		121	30-150					9/16/10 22:27	
Tetrachloro-m-xylene [1]		102	30-150					9/16/10 22:27	
Tetrachloro-m-xylene [2]		99.5	30-150					9/16/10 22:27	



Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10I0389-01 [W20-CS1]	B019197	2.00	10.0	09/14/10
10I0389-02 [W20-B1]	B019197	2.10	10.0	09/14/10
10I0389-03 [W31-CS1]	B019197	2.20	10.0	09/14/10
10I0389-04 [W31-B1]	B019197	2.00	10.0	09/14/10
10I0389-05 [W32-CC1]	B019197	2.10	10.0	09/14/10
10I0389-06 [W22-CC1]	B019197	2.20	10.0	09/14/10



QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019197 - SW-846 3540C										
Blank (B019197-BLK1)				Prepared: 09	/14/10 Anal	yzed: 09/16/	10			
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
aroclor-1262	ND	0.10	mg/Kg							
aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
aroclor-1268 [2C]	ND	0.10	mg/Kg							
urrogate: Decachlorobiphenyl	0.923		mg/Kg	1.00		92.3	30-150			
urrogate: Decachlorobiphenyl [2C]	0.984		mg/Kg	1.00		98.4	30-150			
Surrogate: Tetrachloro-m-xylene	1.02		mg/Kg	1.00		102	30-150			
urrogate: Tetrachloro-m-xylene [2C]	1.02		mg/Kg	1.00		102	30-150			
LCS (B019197-BS1)				Prepared: 09	/14/10 Anal	yzed: 09/16/	10			
Aroclor-1016	0.24	0.10	mg/Kg	0.250		96.1	40-140			
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250		104	40-140			
Aroclor-1260	0.27	0.10	mg/Kg	0.250		109	40-140			
Aroclor-1260 [2C]	0.25	0.10	mg/Kg	0.250		101	40-140			
Surrogate: Decachlorobiphenyl	0.986		mg/Kg	1.00		98.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.05		mg/Kg	1.00		105	30-150			
Surrogate: Tetrachloro-m-xylene	1.04		mg/Kg	1.00		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.03		mg/Kg	1.00		103	30-150			
.CS Dup (B019197-BSD1)				Prepared: 09	/14/10 Anal	yzed: 09/16/	10			
Aroclor-1016	0.25	0.10	mg/Kg	0.250		98.1	40-140	2.02	30	
Aroclor-1016 [2C]	0.26	0.10	mg/Kg	0.250		106	40-140	1.23	30	
Aroclor-1260	0.28	0.10	mg/Kg	0.250		112	40-140	2.59	30	
Aroclor-1260 [2C]	0.27	0.10	mg/Kg	0.250		107	40-140	5.74	30	
Surrogate: Decachlorobiphenyl	0.993		mg/Kg	1.00		99.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.06		mg/Kg	1.00		106	30-150			
Surrogate: Tetrachloro-m-xylene	1.04		mg/Kg	1.00		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.02		mg/Kg	1.00		102	30-150			



QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Lillit	Omis	Level	Result	/0KEC	Lillits	KFD	Lillit	ivotes
Batch B019197 - SW-846 3540C										
Matrix Spike (B019197-MS1)	Sour	ce: 10I0389-0)1	Prepared: 09	9/14/10 Analy	zed: 09/16/	10			
Aroclor-1016	0.23	0.10	mg/Kg	0.250	0.0	90.0	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg	0.250	0.0	88.2	40-140			
Aroclor-1260	0.24	0.10	mg/Kg	0.250	0.0	95.1	40-140			
Aroclor-1260 [2C]	0.26	0.10	mg/Kg	0.250	0.0	102	40-140			
Surrogate: Decachlorobiphenyl	0.945		mg/Kg	1.00		94.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.972		mg/Kg	1.00		97.2	30-150			
Surrogate: Tetrachloro-m-xylene	1.00		mg/Kg	1.00		100	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.982		mg/Kg	1.00		98.2	30-150			
Matrix Spike Dup (B019197-MSD1)	Sour	ce: 10I0389-0)1	Prepared: 09	0/14/10 Analy	zed: 09/16/	10			
Aroclor-1016	0.25	0.10	mg/Kg	0.250	0.0	99.2	40-140	9.69	50	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg	0.250	0.0	87.9	40-140	0.388	50	
Aroclor-1260	0.22	0.10	mg/Kg	0.250	0.0	88.0	40-140	7.73	50	
Aroclor-1260 [2C]	0.21	0.10	mg/Kg	0.250	0.0	82.8	40-140	20.8	50	
Surrogate: Decachlorobiphenyl	0.932		mg/Kg	1.00		93.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.01		mg/Kg	1.00		101	30-150			
Surrogate: Tetrachloro-m-xylene	1.03		mg/Kg	1.00		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.985		mg/Kg	1.00		98.5	30-150			



FLAG/QUALIFIER SUMMARY

- * QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits estabished for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.



CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082 in Product/Solid	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publile Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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		Massachusetts:			Q / Date/Time:	Received by: (signature)
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sample	lease use the following may be high in	· TI				5-day TAT
GW= groundwater WW= wastewater					The state of the s	
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0 = Other					THE RESIDENCE OF THE PROPERTY	
X = Na hydroxide T = Na thiosulfate						
B = Sodium bisulfate	_ <	× ×	18:24	9/13/2010	W22-CC1	26
N = Nitric Acid	_ \	×	18:16	9/13/2010	W32-CC1	9
M = HCL M = Methanol	< <u>√</u>	×	17:58	9/13/2010	W31-B1	1.36
l ≈ (ced	_ √	×	17:55	9/13/2010	W31-CS1	92
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O=Other	∪ ✓	×	17:28	9/13/2010	W20-CS1	4
S=summa can T=tedlar bag	*Matrix Conc Cods & S	*M	Ending Date/Time	Beginning Date/Time	Client Sample ID / Description	(laboratory use only)
V≃ viai			Ш	00	- And Market	
G=glass P=plastic ST=sterile	OGS 8082,	O PDF O EXCEL C	Format:		or billing purposes) proposal date	Project Proposal Provided? (for billing purposes) O yes
A=amber glass	1	krawiec@resourcecontrols.com	Email:		dson	Sampled By: Shauna Edson
***Cont. Code:	:let	Sweep In		Α	1 Worrell St, Dorchester, MA	Project Location: 1 Worn
	exti	ĕ	DATA DELIVERY (c)		(rawiec	Attention: Jesse Krawiec
O Field Filtered	ract	Task 005	#		Pawtucket, RI 02860	Pawtuc
ANALYSIS REQUESTED Dissolved Metals	ion	A6895A	Project#		adway	Address: 474 Broadway
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** Preservation				www.contestlabs.com	www.cont	
ECORD 39 Spruce Street East longmeadow, MA 01028 Page	刀	CHAIN OF CUSTODY $ 0\pm02\%$	CHAI	Phone: 413-525-2332	Phone: 413-525-2332 Fax: 413-525-6405 ANALYTICAL LABORATORY Email: info@contest	ANALYTICAL ANALYTICAL
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IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. 7/14/10 5 -0 C | 16 1 0 | * Require lab approval | Other: TSCA TSCA TSCA WBE/DBE Certified TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

WBE/DBE Certified

www.contestlabs.com



Sample Receipt Checklist

39 Spruce St. East Longmeadow, MA. 01028

P: 413-525-2332 F: 413-525-6405

) Was the chain(s) of custody re			
2) Does the chain agree with the If not, explain:	samples :	Yes No	
Are all the samples in good co If not, explain:	ndition?	Yes No	
4) How were the samples receive	d:		
On Ice Direct from Sa	ampling 🔲	Ambient In Cooler(s)	3
Were the samples received in Ter	mperature Complian	ce of (2-6°C)? Yes No	N/A
Temperature °C by Temp blank		Temperature °C by Temp gun	5-0°C
5) Are there Dissolved samples fo	or the lab to filter?	Yes No	
Who was notified	Date	Time	
6) Are there any samples "On Hol	d"?	Yes No S	Stored where:
7) Are there any RUSH or SHORT	HOLDING TIME sam	ples? Yes No	The state of the s
Who was notified	Date	Time	
B) Location where samples are sto	ored:	Permission to subconti	ract samples? Yes No
	19	(Walk-in clients only) if	•
		Client Signature:	. V Al-la (2 , 2 , 2)
		An a Spirit Water School Steller	
Co		eived at Con-Test	
	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	
500 mL Amber		4 oz amber/cleanjar	6
250 mL Amber (8oz amber) 1 Liter Plastic		2 oz amber/clear jar	***************************************
500 mL Plastic		Other glass jar	
250 mL plastic		Plastic Bag / Ziploc Air Cassette	PA-101-101-101-101-101-101-101-101-101-10
40 mL Vial - type listed below		SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Container	
Flashpoint bottle		Other	
Encore		PM 2.5 / PM 10	
Perchlorate Kit		PUF Cartridge	
aboratory Comments:		M	
) mL vials: # HCl	# Mathanal	Tir	ne and Date Frozen:
# Bisulfate	# DI Water		
1			
# Thiosulfate	unpreserved		·



September 21, 2010

Jesse Krawiec Resource Control Associates - RI 474 Broadway Pawtucket, RI 02860

Project Location: 1 Worrell St, Dorchester, MA

Client Job Number: Project Number: A6895A

Laboratory Work Order Number: 10I0390

Holy L. Tolson

Enclosed are results of analyses for samples received by the laboratory on September 14, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom Project Manager



Resource Control Associates - RI REPORT DATE: 9/21/2010

474 Broadway

Pawtucket, RI 02860 PURCHASE ORDER NUMBER: Task 005

ATTN: Jesse Krawiec

PROJECT NUMBER: A6895A

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10I0390

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 Worrell St, Dorchester, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W-203	10I0390-01	Wipe		SW-846 8082	
W-204	10I0390-02	Wipe		SW-846 8082	
W-205	10I0390-03	Wipe		SW-846 8082	



CASE NARRATIVE SUMMARY

This reported results are within defined laboratory quanty control objectives unless fisca below of otherwise quantities in this report.	

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Daren J. Damboragian Laboratory Manager



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 1010390

Date Received: 9/14/2010

Field Sample #: W-203 Sampled: 9/13/2010 18:10

Sample ID: 10I0390-01
Sample Matrix: Wipe

			-						
							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:40	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:40	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:40	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:40	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:40	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:40	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:40	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:40	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:40	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		99.8	30-150					9/15/10 20:40	
Decachlorobiphenyl [2]		101	30-150					9/15/10 20:40	
Tetrachloro-m-xylene [1]		93.9	30-150					9/15/10 20:40	
Tetrachloro-m-xylene [2]		98.5	30-150					9/15/10 20:40	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 1010390

Date Received: 9/14/2010

Field Sample #: W-204 Sampled: 9/13/2010 18:14

Sample ID: 10I0390-02
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:52	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:52	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:52	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:52	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:52	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:52	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:52	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:52	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/14/10	9/15/10 20:52	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		105	30-150					9/15/10 20:52	
Decachlorobiphenyl [2]		108	30-150					9/15/10 20:52	
Tetrachloro-m-xylene [1]		99.8	30-150					9/15/10 20:52	
Tetrachloro-m-xylene [2]		105	30-150					9/15/10 20:52	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 1010390

Date Received: 9/14/2010

Field Sample #: W-205 Sampled: 9/13/2010 18:41

Sample ID: 10I0390-03
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
					riag				
Aroclor-1016 [1]	ND	0.40	μg/Wipe	2		SW-846 8082	9/14/10	9/16/10 13:45	JMB
Aroclor-1221 [1]	ND	0.40	μg/Wipe	2		SW-846 8082	9/14/10	9/16/10 13:45	JMB
Aroclor-1232 [1]	ND	0.40	μg/Wipe	2		SW-846 8082	9/14/10	9/16/10 13:45	JMB
Aroclor-1242 [1]	ND	0.40	μg/Wipe	2		SW-846 8082	9/14/10	9/16/10 13:45	JMB
Aroclor-1248 [1]	ND	0.40	μg/Wipe	2		SW-846 8082	9/14/10	9/16/10 13:45	JMB
Aroclor-1254 [1]	3.6	0.40	μg/Wipe	2		SW-846 8082	9/14/10	9/16/10 13:45	JMB
Aroclor-1260 [1]	ND	0.40	μg/Wipe	2		SW-846 8082	9/14/10	9/16/10 13:45	JMB
Aroclor-1262 [1]	ND	0.40	μg/Wipe	2		SW-846 8082	9/14/10	9/16/10 13:45	JMB
Aroclor-1268 [1]	ND	0.40	μg/Wipe	2		SW-846 8082	9/14/10	9/16/10 13:45	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		108	30-150					9/16/10 13:45	
Decachlorobiphenyl [2]		101	30-150					9/16/10 13:45	
Tetrachloro-m-xylene [1]		112	30-150					9/16/10 13:45	
Tetrachloro-m-xylene [2]		116	30-150					9/16/10 13:45	



Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
10I0390-01 [W-203]	B019198	1.00	10.0	09/14/10
10I0390-02 [W-204]	B019198	1.00	10.0	09/14/10
10I0390-03 [W-205]	B019198	1.00	10.0	09/14/10



QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Propertic Prop	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Section Sect	Batch B019198 - SW-846 3540C										
ND	Blank (B019198-BLK1)				Prepared: 09	/14/10 Anal	yzed: 09/15/	10			
ND	Aroclor-1016	ND	0.20	μg/Wipe							
ND	Aroclor-1016 [2C]	ND	0.20	μg/Wipe							
ND	Aroclor-1221	ND	0.20	μg/Wipe							
No	Aroclor-1221 [2C]	ND	0.20	μg/Wipe							
No	Aroclor-1232	ND	0.20	μg/Wipe							
ND	Aroclor-1232 [2C]	ND	0.20	μg/Wipe							
Marcolar 1248 M.D. M.D	Aroclor-1242	ND	0.20	μg/Wipe							
ND	Aroclor-1242 [2C]	ND	0.20	μg/Wipe							
Marcolor-1254 MD	Aroclor-1248	ND	0.20	μg/Wipe							
According 1.00 1.	Aroclor-1248 [2C]	ND	0.20	μg/Wipe							
No	Aroclor-1254	ND	0.20								
ND 0.20 µg/Wipe	Aroclor-1254 [2C]	ND	0.20	μg/Wipe							
ND 0.20 µg/Wipe 1.90 1.90 µg/Wipe 1.90 1.90 1.90 µg/Wipe 1.90	Aroclor-1260	ND	0.20	μg/Wipe							
ND 0.20	Aroclor-1260 [2C]	ND	0.20	μg/Wipe							
ND 0.20 µg/Wipe 2.00 95.0 30-150 1.00	Aroclor-1262	ND	0.20	μg/Wipe							
ND 0.20 µg/Wipe 2.00 95.0 30-150 2.00	Aroclor-1262 [2C]	ND	0.20	μg/Wipe							
1.90	Aroclor-1268	ND	0.20	μg/Wipe							
currogate: Decachlorobiphenyl [2C] 1.89 μg/Wipe 2.00 94.4 30-150 currogate: Tetrachloro-m-xylene 2.04 μg/Wipe 2.00 102 30-150 currogate: Tetrachloro-m-xylene [2C] 2.08 μg/Wipe 2.00 104 30-150 currogate: Tetrachloro-m-xylene [2C] 2.08 μg/Wipe 2.00 104 30-150 currogate: Tetrachloro-m-xylene [2C] 2.08 μg/Wipe 0.500 112 40-140 currogate: Decachlorobiphenyl 0.58 0.20 μg/Wipe 0.500 116 40-140 currogate: Decachlorobiphenyl 1.92 μg/Wipe 0.500 106 40-140 currogate: Decachlorobiphenyl 1.92 μg/Wipe 2.00 96.0 30-150 currogate: Decachlorobiphenyl [2C] 1.88 μg/Wipe 2.00 97.2 30-150 currogate: Tetrachloro-m-xylene [2C] 1.99 μg/Wipe 2.00 99.4 30-150 currogate: Tetrachloro-m-xylene [2C] 1.99 μg/Wipe 0.500 118 40-140 </td <td>Aroclor-1268 [2C]</td> <td>ND</td> <td>0.20</td> <td>μg/Wipe</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Aroclor-1268 [2C]	ND	0.20	μg/Wipe							
currogate: Tetrachloro-m-xylene 2.04 μg/Wipe 2.00 102 30-150 currogate: Tetrachloro-m-xylene [2C] 2.08 μg/Wipe 2.00 104 30-150 ccc (B019198-BS1) Prepared: 09/14/10 Analyzed: 09/15/10 ccc (B019198-BS01) Prepared: 09/14/10 Analyzed: 09/15/10 ccc (B019198-BSD1) Prepared: 09/14/10 Analyzed: 09/15/10 Prepared: 09/14/10 Analyzed: 09/15/10 Prepared: 09/14/10 Analyzed: 09/15/10 CCS Dup (B019198-BSD1) Prepared: 09/14/10 Analyzed: 09/15/10 Prepared: 09/14/10 Analyzed: 09/15/10 CCS Dup (B019198-BSD1) Prepared: 09/14/10 Analyzed: 09/15/10 Prepared: 09/14/10 Analyzed: 09/15/10 Prepared: 09/14/10 Analyzed: 09/15/10 <td>Surrogate: Decachlorobiphenyl</td> <td>1.90</td> <td></td> <td>$\mu g/Wipe$</td> <td>2.00</td> <td></td> <td>95.0</td> <td>30-150</td> <td></td> <td></td> <td></td>	Surrogate: Decachlorobiphenyl	1.90		$\mu g/Wipe$	2.00		95.0	30-150			
Prepared: O9/14/10 Analyzed: O9/15/10	Surrogate: Decachlorobiphenyl [2C]	1.89		μg/Wipe	2.00		94.4	30-150			
Prepared: 09/14/10 Analyzed: 09/15/10 Analyze	Surrogate: Tetrachloro-m-xylene	2.04		μg/Wipe	2.00		102	30-150			
Accolor-1016 0.56 0.20 μg/Wipe 0.500 112 40-140 40-140 4.57 30 40-140 4.57 40-140 40-1	Surrogate: Tetrachloro-m-xylene [2C]	2.08		μg/Wipe	2.00		104	30-150			
Accolor-1016 2C	LCS (B019198-BS1)				Prepared: 09	/14/10 Anal	yzed: 09/15/	10			
Arcolor-1260 0.53 0.20 µg/Wipe 0.500 106 40-140 40	Aroclor-1016	0.56	0.20	μg/Wipe	0.500		112	40-140			
1.92 μg/Wipe 0.500 101 40-140	Aroclor-1016 [2C]	0.58	0.20	μg/Wipe	0.500		116	40-140			
1.92	Aroclor-1260	0.53	0.20	μg/Wipe	0.500		106	40-140			
1.88	Aroclor-1260 [2C]	0.50	0.20	$\mu g/Wipe$	0.500		101	40-140			
corrogate: Tetrachloro-m-xylene (2C) 1.94 μg/Wipe μg/Wipe 2.00 97.2 μg/Wipe 2.00 30-150 μg/Wipe 3.0150 Prepared: 09/14/10 Analyzed: 09/15/10 CCS Dup (B019198-BSD1) Prepared: 09/14/10 Analyzed: 09/15/10 Arcolor-1016 0.59 0.20 μg/Wipe 0.500 118 40-140 4.57 30 and 40-140 4.57 30 and 40-140 and 4.57 and 40-140 and 4.57 and 40-140	Surrogate: Decachlorobiphenyl	1.92		μg/Wipe	2.00		96.0	30-150			
urrogate: Tetrachloro-m-xylene [2C]	Surrogate: Decachlorobiphenyl [2C]	1.88		μg/Wipe	2.00		94.0	30-150			
Prepared: 09/14/10 Analyzed: 09/15/10 Arcolor-1016 0.59 0.20 µg/Wipe 0.500 118 40-140 4.57 30 Arcolor-1016 [2C] 0.63 0.20 µg/Wipe 0.500 126 40-140 8.46 30 Arcolor-1260 Arcolor-1260 0.59 0.20 µg/Wipe 0.500 118 40-140 10.6 30 Arcolor-1260 [2C] 0.57 0.20 µg/Wipe 0.500 113 40-140 11.6 30 Arcolor-1260 [2C] 1.98 µg/Wipe 2.00 100 30-150 Arrogate: Decachlorobiphenyl 1.98 µg/Wipe 2.00 106 30-150 Arrogate: Tetrachloro-m-xylene 2.11 µg/Wipe 2.00 106 30-150	Surrogate: Tetrachloro-m-xylene	1.94		μg/Wipe	2.00		97.2	30-150			
Arroclor-1016 0.59 0.20 μg/Wipe 0.500 118 40-140 4.57 30 30 4.57 30 Arroclor-1016 [2C] 0.63 0.20 μg/Wipe 0.500 126 40-140 8.46 30 30 4.50	Surrogate: Tetrachloro-m-xylene [2C]	1.99		μg/Wipe	2.00		99.4	30-150			
arcoclor-1016 [2C] 0.63 0.20 μg/Wipe 0.500 126 40-140 8.46 30 arcoclor-1260 0.59 0.20 μg/Wipe 0.500 118 40-140 10.6 30 arcoclor-1260 [2C] 0.57 0.20 μg/Wipe 0.500 113 40-140 11.6 30 arrogate: Decachlorobiphenyl 2.01 μg/Wipe 2.00 100 30-150 arrogate: Decachlorobiphenyl [2C] 1.98 μg/Wipe 2.00 99.1 30-150 arrogate: Tetrachloro-m-xylene 2.11 μg/Wipe 2.00 106 30-150	LCS Dup (B019198-BSD1)				Prepared: 09	/14/10 Anal	yzed: 09/15/	10			
Arcoclor-1260 0.59 0.20 μg/Wipe 0.500 118 40-140 10.6 30 Arcoclor-1260 [2C] 0.57 0.20 μg/Wipe 0.500 113 40-140 11.6 30 turrogate: Decachlorobiphenyl 2.01 μg/Wipe 2.00 100 30-150 turrogate: Decachlorobiphenyl [2C] 1.98 μg/Wipe 2.00 99.1 30-150 turrogate: Tetrachloro-m-xylene 2.11 μg/Wipe 2.00 106 30-150	Aroclor-1016	0.59	0.20	μg/Wipe	0.500		118	40-140	4.57	30	
Arcolor-1260 [2C] 0.57 0.20 μg/Wipe 0.500 113 40-140 11.6 30 urrogate: Decachlorobiphenyl urrogate: Decachlorobiphenyl [2C] 1.98 μg/Wipe 2.00 99.1 30-150 urrogate: Tetrachloro-m-xylene 2.11 μg/Wipe 2.00 106 30-150	Aroclor-1016 [2C]	0.63	0.20	μg/Wipe	0.500		126	40-140	8.46	30	
urrogate: Decachlorobiphenyl 2.01 μg/Wipe 2.00 100 30-150 urrogate: Decachlorobiphenyl [2C] 1.98 μg/Wipe 2.00 99.1 30-150 urrogate: Tetrachloro-m-xylene 2.11 μg/Wipe 2.00 106 30-150	Aroclor-1260	0.59	0.20	$\mu g/Wipe$	0.500		118	40-140	10.6	30	
urrogate: Decachlorobiphenyl [2C] 1.98 μg/Wipe 2.00 99.1 30-150 urrogate: Tetrachloro-m-xylene 2.11 μg/Wipe 2.00 106 30-150	Aroclor-1260 [2C]	0.57	0.20	μg/Wipe	0.500		113	40-140	11.6	30	
urrogate: Tetrachloro-m-xylene 2.11 µg/Wipe 2.00 106 30-150	Surrogate: Decachlorobiphenyl	2.01		μg/Wipe	2.00		100	30-150			
	Surrogate: Decachlorobiphenyl [2C]	1.98		$\mu g/Wipe$	2.00		99.1	30-150			
urrogate: Tetrachloro-m-xylene [2C] 2.16 µg/Wine 2.00 108 30-150	Surrogate: Tetrachloro-m-xylene	2.11		$\mu g/Wipe$	2.00		106	30-150			
C A Fig.	Surrogate: Tetrachloro-m-xylene [2C]	2.16		$\mu g/Wipe$	2.00		108	30-150			



FLAG/QUALIFIER SUMMARY

- QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits estabished for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.



CERTIFICATIONS

Certified Analyses included in this Report

Analyte Certifications

No certified Analyses included in this Report

 $The \ CON-TEST \ Environmental \ Laboratory \ operates \ under \ the \ following \ certifications \ and \ accreditations:$

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publile Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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NELAC & AIHA Certified	equired PWSIE	O RCP Form Required PWSID #	8 00				Connecticut:	r spay	* <b>*</b> +		30.5/n/ 01/k/	(signature)	Relinquished by: (signature) Réceived by: (signature)
		MCP Form Required	ō				i	10-Day		Date/Time:	014	nature)	Reserved by: (signature)
O = other Wipe	or RCP?	ls your project MCP or RCP?	Is your	<u>ients</u>	equiren	s: Imilia	Massachusetts:	•		9/13/10 10/00		Charles .	Miller
SL = sludge	nown	M - Medium; L - Low; C - Clean; U - Unknown	dium; L - Lo	igh; M - Me	H - High;		Detaction	The land	Turnar	Date/Time		(signature)	Relinguished by: (signature)
A = air S = soil/solid	Box:	may be high in concentration in Matrix/Conc. Code Box:	concentration	be high in	may		66 sq. inches	51 sq. inches sample area, W-205 =	mple area	inches sar	W-204 = 51  sq.	W-203 and	5-day TAT. W-203 and W-204 =
<b>DW</b> = drinking water	ecific sample	Please use the following codes to let Con-Test know if a specific sample	codes to let	ne following	ase use the	밁							Comments:
GW= groundwater													
*Matrix Code:				4			•						
O = Other Haxana											7, 1000		
X = Na hydroxide T = Na thiosulfate													
B = Sodium bisulfate													
N = Nitric Acid													
M = Methanol											WILL		ANNOTATION TO THE PROPERTY OF
T = Ced				K	-	C	*	14.01	9/10/2010		001	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
**Preservation				1	-   -	1		10:41	0/13/2010		\N/-205	3	1
				<u> </u>		0	×	18:14	9/13/2010		W-204	3	
<b>0</b> =Other				<u> </u>	<u>_</u>		×	18:10	9/13/2010		W-203	6	
S≈summa can T=tedlar bag				PCBs	tx Conc Code	*Matrix Grab Code	Composite G	Ending Date/Time	Date/Time	escription	Client Sample ID / Description		(laboratory use only)
V= vial				s by	(age"	Data Pac	O "Enhanced Data Package"		Colle			4	Con-Test Lab ID
<b>ST</b> ≃sterile				у 8						_	proposal date		O yes
P=plastic				082,	SIS.	CEL OGIS	● PDF ● EXCEL	Format:			Project Proposal Provided? (for billing purposes)	sal Provided?	Project Propo
A=amber glass				So	trols.com	ourcecor	krawiec@resourcecontrols.com	Email:			Edson	Shauna Edson	Sampled By:
***Cont. Code:				clet			ı			ester, MA	1 Worrell St, Dorchester, MA	1	Project Location:
O Lab to Filter		w		ext		STE	O FAX	OFAX OEIVE			Jesse Krawiec	Jesse	Attention:
O Field Filtered				rac			I dsk oos	Cilent PO#					
Dissolved Metals			- :	ctic			Tool One				Pawtucket RI 02860	Pawtu	
Container Cod		ANALYSIS REQUESTED	ANA	on (			A6805A	Droipot #			474 Broadway	474 Br	Address:
Pag				G		8860 8860	Telephone: (401) 728-6860	Telephone:			Company Name: Resource Controls	ne: Resou	Company Nar
Preservation				٥				-	stlabs.com	www.contestlabs.com			
ᆚ				S		0	Email: info@contestlabs.com	s.com	⊉contestlabs	Email: info@	ANALYTICAL LABORATORY	ANALYTICAL	
Page 1 of 1 of 12	A 01028	39 Spruce Street East longmeadow, MA 01028	ECORD	REC	YGO,	TSU:	CHAIN OF CUSTODY R	CHAI	-525-2332 5-6405	Phone: 413-525-2332 Fax: 413-525-6405			
													è- Se: 696- 695-

IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR

Require lab approval Other:

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

WBE/DBE Certified

www.contestlabs.com



# **Sample Receipt Checklist**

39 Spruce St. East Longmeadow, MA. 01028

> P: 413-525-2332 F: 413-525-6405

CLIENT NAME: Resource	Controls	REC	CEIVED BY: Cj	<u> </u>	TE: 9/14/10
1) Was the chain(s) of custody 2) Does the chain agree with th ff not, explain:	•	nd signed?	Y	es No es No	
3) Are all the samples in good of If not, explain:	condition?	· ·	` (Y	No No	
4) How were the samples receiv	/ed:				
On Ice 🗹 Direct from :	Sampling $\square$	Amb	oient 🗌 In (	Cooler(s)	
Vere the samples received in T	emperature Co	ompliance of	f (2-6°C)? (Yo	S No N/	A
emperature °C by Temp blank		Tem	perature °C by Te	mp gun <u> </u>	D°C
5) Are there Dissolved samples			Ye	s No	
Who was notified					
6) Are there any samples "On H	old"?		Ye	s <b>No</b> Stor	ed where:
) Are there any RUSH or SHOR	T HOLDING TI	ME samples	i? Υε	s (No)	
Who was notified	Date _		Time		
) Location where samples are s	stored:	,,	Permission	to subcontract	samples? Yes No
• •		19			t already approved
	<u> </u>				· ···· · · · · · · · · · · · · · · · ·
			IClient Signi	ature:	
		•	Client Sign	-	
C	ontainers	receive	ed at Con-	-	
•	ontainers # of contain		1	-	# of containers
1 Liter Amber			ed at Con-	Test /clear jar	
1 Liter Amber 500 mL Amber			ed at Con-	<b>Test</b> /clear jar <i>C</i> clear jar	# of containers
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber)			8 oz amber 4 oz amber 2 oz amber	Clear jar Clear jar /clear jar	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic			8 oz amber 4 oz amber 2 oz amber Other gla	Clear jar Clear jar /clear jar /clear jar	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic			8 oz amber 4 oz amber 2 oz amber Other gla Plastic Bag	Clear jar Clear jar /clear jar /clear jar ass jar / Ziploc	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic			8 oz amber 4 oz amber 2 oz amber Other gla Plastic Bag Air Cas	Clear jar Clear jar /clear jar /clear jar ass jar / Ziploc sette	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below			8 oz amber 4 oz amber 2 oz amber Other gla Plastic Bag Air Cas	Clear jar Clear jar /clear jar /clear jar ass jar / Ziploc sette Kit	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle			8 oz amber 4 oz amber 2 oz amber Other gla Plastic Bag Air Cas SOC	/clear jar /clear jar /clear jar /clear jar ass jar / Ziploc sette Kit	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle			8 oz amber 4 oz amber 2 oz amber Other gla Plastic Bag Air Cas SOC Tube Non-ConTest	Clear jar Clear jar Clear jar Clear jar Clear jar Jordan jar Jorda	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle			8 oz amber 4 oz amber 2 oz amber Other gla Plastic Bag Air Cas SOC Tube Non-ConTest	/clear jar /clear jar /clear jar /clear jar /clear jar /clear jar / Ziploc sette Kit es Container	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle			8 oz amber 4 oz amber 2 oz amber Other gla Plastic Bag Air Cas SOC Tube Non-ConTest Other	Clear jar Clear jar Clear jar Clear jar Clear jar Ziploc Sette Kit S Container	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore			8 oz amber 4 oz amber 2 oz amber Other gla Plastic Bag Air Cas SOC Tube Non-ConTest	Clear jar Clear jar Clear jar Clear jar Clear jar Ziploc Sette Kit S Container	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit boratory Comments:	# of contain	ners	8 oz amber 4 oz amber 2 oz amber Other gla Plastic Bag Air Cas SOC Tube Non-ConTest Other	Clear jar Clear jar Clear jar /clear jar /clear jar /clear jar / Ziploc sette Kit es Container er PM 10 cridge	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit boratory Comments:	# of contain	ners	8 oz amber 4 oz amber 2 oz amber Other gla Plastic Bag Air Cas SOC Tube Non-ConTest Other	Clear jar Clear jar Clear jar /clear jar /clear jar /clear jar / Ziploc sette Kit es Container er PM 10 cridge	3



September 24, 2010

Jesse Krawiec Resource Control Associates - RI 474 Broadway Pawtucket, RI 02860

Project Location: 1 Worrell St., Dorchester, MA

Client Job Number: Project Number: A6895A

Laboratory Work Order Number: 10I0564

Holy L. Tolson

Enclosed are results of analyses for samples received by the laboratory on September 17, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom Project Manager



Resource Control Associates - RI REPORT DATE: 9/24/2010

474 Broadway

Pawtucket, RI 02860 PURCHASE ORDER NUMBER: Task 005

ATTN: Jesse Krawiec

A6895A

PROJECT NUMBER:

#### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10I0564

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 Worrell St., Dorchester, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W32-B1	10I0564-01	Product/Solid		SW-846 8082	
W32-CS1	10I0564-02	Product/Solid		SW-846 8082	
W32-CC2	10I0564-03	Product/Solid		SW-846 8082	
W31-CS2	10I0564-04	Product/Solid		SW-846 8082	
W31-B2	10I0564-05	Product/Solid		SW-846 8082	
W32-B2	10I0564-06	Product/Solid		SW-846 8082	
W26-B1	10I0564-07	Product/Solid		SW-846 8082	
W22-B1	10I0564-08	Product/Solid		SW-846 8082	



10I0564-04[W31-CS2], 10I0564-05[W31-B2]

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

#### CASE NARRATIVE SUMMARY

SW-846 8082

All reported results are within defined laborate	rv a	quality control	obiectives unles	ss listed below	or otherwise qualified in this report	

Qualifications:

Elevated detection limit due to matrix.

Analyte & Samples(s) Qualified:

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson Laboratory Director

Culu



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010564

Date Received: 9/17/2010

**Field Sample #: W32-B1** Sampled: 9/15/2010 20:23

Sample ID: 10I0564-01
Sample Matrix: Product/Solid

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:43	PJG
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:43	PJG
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:43	PJG
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:43	PJG
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:43	PJG
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:43	PJG
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:43	PJG
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:43	PJG
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:43	PJG
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		83.7	30-150					9/21/10 14:43	
Decachlorobiphenyl [2]		87.2	30-150					9/21/10 14:43	
Tetrachloro-m-xylene [1]		74.8	30-150					9/21/10 14:43	
Tetrachloro-m-xylene [2]		78.4	30-150					9/21/10 14:43	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010564

Date Received: 9/17/2010

Field Sample #: W32-CS1

Sampled: 9/15/2010 20:28

Sample ID: 10I0564-02
Sample Matrix: Product/Solid

Analysta	Results	RL	Units	Dilution	Flog	Mathad	Date	Date/Time	Anakust
Analyte	Results	KL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.087	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 16:52	PJG
Aroclor-1221 [1]	ND	0.087	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 16:52	PJG
Aroclor-1232 [1]	ND	0.087	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 16:52	PJG
Aroclor-1242 [1]	ND	0.087	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 16:52	PJG
Aroclor-1248 [1]	ND	0.087	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 16:52	PJG
Aroclor-1254 [1]	ND	0.087	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 16:52	PJG
Aroclor-1260 [1]	ND	0.087	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 16:52	PJG
Aroclor-1262 [1]	ND	0.087	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 16:52	PJG
Aroclor-1268 [1]	ND	0.087	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 16:52	PJG
Surrogates		% Recovery	Recovery Limits	S	Flag				-
Decachlorobiphenyl [1]		86.5	30-150					9/21/10 16:52	
Decachlorobiphenyl [2]		90.1	30-150					9/21/10 16:52	
Tetrachloro-m-xylene [1]		79.2	30-150					9/21/10 16:52	
Tetrachloro-m-xylene [2]		84.0	30-150					9/21/10 16:52	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010564

Date Received: 9/17/2010

Field Sample #: W32-CC2

Sampled: 9/15/2010 20:37

Sample ID: 10I0564-03
Sample Matrix: Product/Solid

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
				Dilution	Flag			•	
Aroclor-1016 [1]	ND	0.093	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:57	PJG
Aroclor-1221 [1]	ND	0.093	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:57	PJG
Aroclor-1232 [1]	ND	0.093	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:57	PJG
Aroclor-1242 [1]	ND	0.093	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:57	PJG
Aroclor-1248 [1]	ND	0.093	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:57	PJG
Aroclor-1254 [1]	0.62	0.093	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:57	PJG
Aroclor-1260 [1]	ND	0.093	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:57	PJG
Aroclor-1262 [1]	ND	0.093	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:57	PJG
Aroclor-1268 [1]	ND	0.093	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 14:57	PJG
Surrogates		% Recovery	Recovery Limits	3	Flag				
Decachlorobiphenyl [1]		83.9	30-150					9/21/10 14:57	
Decachlorobiphenyl [2]		88.1	30-150					9/21/10 14:57	
Tetrachloro-m-xylene [1]		75.1	30-150					9/21/10 14:57	
Tetrachloro-m-xylene [2]		79.3	30-150					9/21/10 14:57	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010564

Date Received: 9/17/2010

Field Sample #: W31-CS2 Sampled: 9/15/2010 20:45

Sample ID: 10I0564-04 Sample Matrix: Product/Solid

Polychlorinated Biphenyls By GC/ECD Sample Flags: DL-03 Date Date/Time Analyte Results Units Dilution Flag Method Prepared Analyzed Analyst Aroclor-1016 [1] ND 0.45 mg/Kg 5 SW-846 8082 9/18/10 9/21/10 17:12 PJG Aroclor-1221 [1] ND 0.45 mg/Kg 5 SW-846 8082 9/18/10 9/21/10 17:12 PJG Aroclor-1232 [1] ND 0.45 5 SW-846 8082 9/18/10 9/21/10 17:12 PJG mg/KgAroclor-1242 [1] ND 0.45 mg/Kg5 SW-846 8082 9/18/10 9/21/10 17:12 PJG Aroclor-1248 [1] ND 0.45 5 SW-846 8082 9/18/10 9/21/10 17:12 PJG mg/KgAroclor-1254 [1] ND 5 SW-846 8082 9/18/10 9/21/10 17:12 0.45 PJG mg/Kg5 Aroclor-1260 [1] ND 9/21/10 17:12 PJG 0.45 mg/KgSW-846 8082 9/18/10 Aroclor-1262 [1] ND 5 SW-846 8082 9/18/10 9/21/10 17:12 PJG 0.45 mg/Kg Aroclor-1268 [1] ND 0.45 mg/Kg 5 SW-846 8082 9/18/10 9/21/10 17:12 PJG Flag **Recovery Limits** Surrogates % Recovery Decachlorobiphenyl [1] 90.7 30-150 9/21/10 17:12 Decachlorobiphenyl [2] 89.5 30-150 9/21/10 17:12 Tetrachloro-m-xylene [1] 83.2 30-150 9/21/10 17:12 Tetrachloro-m-xylene [2] 83.4 30-150 9/21/10 17:12



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010564

Date Received: 9/17/2010

**Field Sample #: W31-B2** Sampled: 9/15/2010 20:50

Sample ID: 10I0564-05

Sample Matrix: Product/Solid
Sample Flags: DL-03

Polychlorinated Biphenyls By GC/ECD

Sample Mags. DL-03		1,	nycinormateu Dipin	cilyis by GC/1	LCD				
							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.95	mg/Kg	10		SW-846 8082	9/18/10	9/21/10 17:31	PJG
Aroclor-1221 [1]	ND	0.95	mg/Kg	10		SW-846 8082	9/18/10	9/21/10 17:31	PJG
Aroclor-1232 [1]	ND	0.95	mg/Kg	10		SW-846 8082	9/18/10	9/21/10 17:31	PJG
Aroclor-1242 [1]	ND	0.95	mg/Kg	10		SW-846 8082	9/18/10	9/21/10 17:31	PJG
Aroclor-1248 [1]	ND	0.95	mg/Kg	10		SW-846 8082	9/18/10	9/21/10 17:31	PJG
Aroclor-1254 [1]	ND	0.95	mg/Kg	10		SW-846 8082	9/18/10	9/21/10 17:31	PJG
Aroclor-1260 [1]	ND	0.95	mg/Kg	10		SW-846 8082	9/18/10	9/21/10 17:31	PJG
Aroclor-1262 [1]	ND	0.95	mg/Kg	10		SW-846 8082	9/18/10	9/21/10 17:31	PJG
Aroclor-1268 [1]	ND	0.95	mg/Kg	10		SW-846 8082	9/18/10	9/21/10 17:31	PJG
Surrogates		% Recovery	Recovery Limits	1	Flag				
Decachlorobiphenyl [1]		77.0	30-150					9/21/10 17:31	
Decachlorobiphenyl [2]		81.7	30-150					9/21/10 17:31	
Tetrachloro-m-xylene [1]		73.4	30-150					9/21/10 17:31	
Tetrachloro-m-xylene [2]		74.5	30-150					9/21/10 17:31	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010564

Date Received: 9/17/2010

**Field Sample #: W32-B2** Sampled: 9/15/2010 21:17

Sample ID: 10I0564-06 Sample Matrix: Product/Solid

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.092	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 15:11	PJG
Aroclor-1221 [1]	ND	0.092	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 15:11	PJG
Aroclor-1232 [1]	ND	0.092	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 15:11	PJG
Aroclor-1242 [1]	ND	0.092	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 15:11	PJG
Aroclor-1248 [1]	ND	0.092	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 15:11	PJG
Aroclor-1254 [1]	ND	0.092	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 15:11	PJG
Aroclor-1260 [1]	ND	0.092	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 15:11	PJG
Aroclor-1262 [1]	ND	0.092	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 15:11	PJG
Aroclor-1268 [1]	ND	0.092	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 15:11	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		84.3	30-150					9/21/10 15:11	
Decachlorobiphenyl [2]		89.6	30-150					9/21/10 15:11	
Tetrachloro-m-xylene [1]		78.3	30-150					9/21/10 15:11	
Tetrachloro-m-xylene [2]		82.9	30-150					9/21/10 15:11	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010564

Date Received: 9/17/2010

**Field Sample #: W26-B1** Sampled: 9/15/2010 21:38

Sample ID: 10I0564-07
Sample Matrix: Product/Solid

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.094	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:11	PJG
Aroclor-1221 [1]	ND	0.094	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:11	PJG
Aroclor-1232 [1]	ND	0.094	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:11	PJG
Aroclor-1242 [1]	ND	0.094	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:11	PJG
Aroclor-1248 [1]	ND	0.094	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:11	PJG
Aroclor-1254 [1]	0.35	0.094	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:11	PJG
Aroclor-1260 [1]	ND	0.094	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:11	PJG
Aroclor-1262 [1]	ND	0.094	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:11	PJG
Aroclor-1268 [1]	ND	0.094	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:11	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		83.5	30-150					9/21/10 18:11	
Decachlorobiphenyl [2]		88.0	30-150					9/21/10 18:11	
Tetrachloro-m-xylene [1]		78.0	30-150					9/21/10 18:11	
Tetrachloro-m-xylene [2]		82.0	30-150					9/21/10 18:11	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010564

Date Received: 9/17/2010 Field Sample #: W22-B1

Sampled: 9/15/2010 21:49

Sample ID: 10I0564-08
Sample Matrix: Product/Solid

Polychle	ringtad	Rinhanyle	By CC/FCD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
				Dilution	Tiag		•	•	
Aroclor-1016 [1]	ND	0.099	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:30	PJG
Aroclor-1221 [1]	ND	0.099	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:30	PJG
Aroclor-1232 [1]	ND	0.099	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:30	PJG
Aroclor-1242 [1]	ND	0.099	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:30	PJG
Aroclor-1248 [1]	ND	0.099	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:30	PJG
Aroclor-1254 [1]	ND	0.099	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:30	PJG
Aroclor-1260 [1]	ND	0.099	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:30	PJG
Aroclor-1262 [1]	ND	0.099	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:30	PJG
Aroclor-1268 [1]	ND	0.099	mg/Kg	1		SW-846 8082	9/18/10	9/21/10 18:30	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		91.2	30-150					9/21/10 18:30	
Decachlorobiphenyl [2]		114	30-150					9/21/10 18:30	
Tetrachloro-m-xylene [1]		82.7	30-150					9/21/10 18:30	
Tetrachloro-m-xylene [2]		85.7	30-150					9/21/10 18:30	



# **Sample Extraction Data**

## Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date	
10I0564-01 [W32-B1]	B019399	2.04	10.0	09/18/10	
10I0564-02 [W32-CS1]	B019399	2.29	10.0	09/18/10	
10I0564-03 [W32-CC2]	B019399	2.15	10.0	09/18/10	
10I0564-04 [W31-CS2]	B019399	2.23	10.0	09/18/10	
10I0564-05 [W31-B2]	B019399	2.11	10.0	09/18/10	
10I0564-06 [W32-B2]	B019399	2.17	10.0	09/18/10	
10I0564-07 [W26-B1]	B019399	2.13	10.0	09/18/10	
10I0564-08 [W22-B1]	B019399	2.03	10.0	09/18/10	



## QUALITY CONTROL

# Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019399 - SW-846 3540C										
Blank (B019399-BLK1)				Prepared: 09	0/18/10 Anal	yzed: 09/21/	10			
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
roclor-1262	ND	0.10	mg/Kg							
aroclor-1262 [2C]	ND	0.10	mg/Kg							
aroclor-1268	ND	0.10	mg/Kg							
roclor-1268 [2C]	ND	0.10	mg/Kg							
urrogate: Decachlorobiphenyl	0.818		mg/Kg	1.00		81.8	30-150			
urrogate: Decachlorobiphenyl [2C]	0.933		mg/Kg	1.00		93.3	30-150			
urrogate: Tetrachloro-m-xylene	0.760		mg/Kg	1.00		76.0	30-150			
urrogate: Tetrachloro-m-xylene [2C]	0.823		mg/Kg	1.00		82.3	30-150			
.CS (B019399-BS1)				Prepared: 09	0/18/10 Anal	yzed: 09/21/	10			
Aroclor-1016	0.22	0.10	mg/Kg	0.250		87.6	40-140			
aroclor-1016 [2C]	0.28	0.10	mg/Kg	0.250		111	40-140			
aroclor-1260	0.23	0.10	mg/Kg	0.250		91.4	40-140			
roclor-1260 [2C]	0.26	0.10	mg/Kg	0.250		104	40-140			
urrogate: Decachlorobiphenyl	0.812		mg/Kg	1.00		81.2	30-150			
urrogate: Decachlorobiphenyl [2C]	0.923		mg/Kg	1.00		92.3	30-150			
urrogate: Tetrachloro-m-xylene	0.775		mg/Kg	1.00		77.5	30-150			
surrogate: Tetrachloro-m-xylene [2C]	0.843		mg/Kg	1.00		84.3	30-150			
CS Dup (B019399-BSD1)				Prepared: 09	9/18/10 Anal	yzed: 09/21/	10			
Aroclor-1016	0.21	0.10	mg/Kg	0.250		82.5	40-140	5.98	30	
aroclor-1016 [2C]	0.25	0.10	mg/Kg	0.250		100	40-140	10.3	30	
Aroclor-1260	0.22	0.10	mg/Kg	0.250		86.7	40-140	5.20	30	
Aroclor-1260 [2C]	0.25	0.10	mg/Kg	0.250		100	40-140	4.18	30	
Surrogate: Decachlorobiphenyl	0.745		mg/Kg	1.00		74.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.851		mg/Kg	1.00		85.1	30-150			
Surrogate: Tetrachloro-m-xylene	0.698		mg/Kg	1.00		69.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.754		mg/Kg	1.00		75.4	30-150			



## QUALITY CONTROL

# Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B019399 - SW-846 3540C	Result	Liiiit	Oillis	Level	Result	70ICEC	Limits	МЪ	Limit	110103
Matrix Spike (B019399-MS1)	Sour	rce: 10I0564-0	)1	Prepared: 09	9/18/10 Analy	zed: 09/21/	10			
Aroclor-1016	0.18	0.095	mg/Kg	0.236	0.0	77.2	40-140			
Aroclor-1016 [2C]	0.21	0.095	mg/Kg	0.236	0.0	89.0	40-140			
Aroclor-1260	0.20	0.095	mg/Kg	0.236	0.0	85.1	40-140			
Aroclor-1260 [2C]	0.21	0.095	mg/Kg	0.236	0.0	90.9	40-140			
Surrogate: Decachlorobiphenyl	0.702		mg/Kg	0.946		74.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.813		mg/Kg	0.946		86.0	30-150			
Surrogate: Tetrachloro-m-xylene	0.690		mg/Kg	0.946		72.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.741		mg/Kg	0.946		78.4	30-150			
Matrix Spike Dup (B019399-MSD1)	Sour	rce: 10I0564-0	)1	Prepared: 09	9/18/10 Analy	zed: 09/21/	10			
Aroclor-1016	0.17	0.084	mg/Kg	0.210	0.0	80.0	40-140	8.33	50	
Aroclor-1016 [2C]	0.19	0.084	mg/Kg	0.210	0.0	91.7	40-140	8.92	50	
Aroclor-1260	0.18	0.084	mg/Kg	0.210	0.0	88.1	40-140	8.49	50	
Aroclor-1260 [2C]	0.20	0.084	mg/Kg	0.210	0.0	94.7	40-140	7.80	50	
Surrogate: Decachlorobiphenyl	0.648		mg/Kg	0.840		77.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.760		mg/Kg	0.840		90.6	30-150			
Surrogate: Tetrachloro-m-xylene	0.607		mg/Kg	0.840		72.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.653		mg/Kg	0.840		77.8	30-150			



## FLAG/QUALIFIER SUMMARY

† Wide recovery limits established for difficult compound.

‡ Wide RPD limits estabished for difficult compound.

# Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the

calculation which have not been rounded.

DL-03 Elevated detection limit due to matrix.



# CERTIFICATIONS

# Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082 in Product/Solid	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publile Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

Relinguished by: (signature) Received by: keignajura Sampled By: Address: Comments: Project Location: Company Name: Resource Controls 5-day TAT Attention: Con-Test Lab ID Project Proposal Provided? (for billing purposes) gy (signatur 9 0 9 9 9 0 ANALYTICAL LABORATORY Phone: 413-525-2332 Shauna Edson 1 Worrell St, Dorchester, Pawtucket, RI 02860 474 Broadway Jesse Krawiec Client Sample ID / Description W32-CS1 W31-CS2 W32-CC2 W26-B1 W32-B2 W31-B2 W32-B1 W22-B1 Date/Tipe3 Date/Time: Date Time Date/7/09/ Email: info@contestlabs.com www.contestlabs.com ≤ ☐ [†]24-Hr ☐ [†]48-Hr T72-Hr T t4-Day 9/15/2010 9/15/2010 9/15/2010 9/15/2010 9/15/2010 9/15/2010 9/15/2010 9/15/2010 Date/Time Beginning Turnaround Collection RUSH Other 5-DAY 10-Day 7-Day Email: Fax# Project # DATA DELIVERY (check all that apply) Client PO# Task 005 Telephone: (401) 728-6860 Format: OFAX Date/Time 21:38 21:17 20:28 20:23 21:49 20:45 20:37 20:50 **CHAIN OF CUSTODY RECORD** Ending **⊚**EMAIL krawiec@resourcecontrols.com A6895A Composite Grab O "Enhanced Data Package" O OTHER. Connecticut Massachusetts: PDF • EXCEL Detection Limit Requirements OTOSCY **⊕WEBSITE** Þ¢ × × × × × × × ξΩ ß Ś ŝ ເດ ល Ø ហ Matrix Code SBO Please use the following codes to let Con-Test know if a specific sample Canc Code H-High; M-Medium; L-Low; C-Clean; U-Unknown may be high in concentration in Matrix/Conc. Code Box:  $\subset$  $\subset$  $\subset$  $\subset$  $\subset$  $\subset$  $\subset$  $\subset$ **െ** PCBs by 8082, Soxlet extraction Is your project MCP or RCP? ANALYSIS REQUESTED CON MICE ON CO. MCP Form Required
 RCP Form Required O MA State DW Form Required PWSID# 39 Spruce Street East longmeadow, MA 01028 **NELAC & AIHA Certified** ** Preservation # of Containers l = lced ***Container Co DW= drinking water WW= wastewater **GW**= groundwater o = Other T = Na thiosulfate **B** = Sodium bisulfate N = Nitric Acid **Preservation T=tedlar bag S=summa can G=glass ***Cont. Code: X = Na hydroxide S = Sulfuric Acid M = Methanol HHHCL 0=Other **ST**=sterile P=plastic A=amber glass SL = sludge V= vial O Field Filtered
O Lab to Filter Dissolved Metals Page 0 = other S = soil/solid A = air *Matrix Code: Н 앜

Page 17 of 18

IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. TURNAROUND TIME STARTS AT 9:00 A.M. THE BAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

WBE/DBE Certified

[↑] Require lab approval

200

www.contestiabs.com



# Sample Receipt Checklist

39 Spruce St. East Longmeadow, MA. 01028

> P: 413-525-2332 F: 413-525-6405

<ol> <li>Was the chain(s) of custody rel</li> <li>Does the chain agree with the s</li> </ol>	_	ned? (Yes No	
If not, explain:	•		
<ol> <li>Are all the samples in good cor Jf not, explain:</li> </ol>	ndition?	Ves No	
4) How were the samples received	d:		/
On Ice 🎵 Direct from Sa	mpling $\square$	Ambient In Cooler(s)	
Were the samples received in Ten	nperature Complia	nce of (2-6°C)? Yes No N/	A
Temperature °C by Temp blank		Temperature °C by Temp gun	6.C
5) Are there Dissolved samples fo	r the lab to filter?	Yes No	
Who was notified	Date	Time	
6) Are there any samples "On Hold	d"?	<b>Yes No</b> Stor	ed where:
7) Are there any RUSH or SHORT I	HOLDING TIME sai	mples? Yes No	
Who was notified	Date	Time	
3) Location where samples are sto	ored: 19	Permission to subcontract	samples? Yes No
		(Walk-in clients only) if no	t already approved
		Client Signature:	
Appropriate the property of the particular prope		CONTRACTOR OF THE CONTRACTOR O	The state of the s
Co	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	eived at Con-Test	
	ntainers rec # of containers		# of containers
1 Liter Amber	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 oz amber/clear jar	
1 Liter Amber 500 mL Amber	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 oz amber/clear jar 4 oz amber/clear jar	# of containers
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber)	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 oz amber/clear jar 4 oz amber/clear jar 2 oz amber/clear jar	
1 Liter Amber 500 mL Amber	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 oz amber/clear jar 4 oz amber/clear jar 2 oz amber/clear jar Other glass jar	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 oz amber/clear jar 4 oz amber/clear jar 2 oz amber/clear jar	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 oz amber/clear jar 4 oz amber/clear jar 2 oz amber/clear jar Other glass jar Plastic Bag / Ziploc	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 oz amber/clear jar 4 oz amber/clear jar 2 oz amber/clear jar Other glass jar Plastic Bag / Ziploc Air Cassette	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 oz amber/clear jar 4 oz amber/clear jar 2 oz amber/clear jar Other glass jar Plastic Bag / Ziploc Air Cassette SOC Kit	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 oz amber/clear jar 4 oz amber/clear jar 2 oz amber/clear jar Other glass jar Plastic Bag / Ziploc Air Cassette SOC Kit Tubes	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 oz amber/clear jar 4 oz amber/clear jar 2 oz amber/clear jar Other glass jar Plastic Bag / Ziploc Air Cassette SOC Kit Tubes Non-ConTest Container Other PM 2.5 / PM 10	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 oz amber/clear jar 4 oz amber/clear jar 2 oz amber/clear jar Other glass jar Plastic Bag / Ziploc Air Cassette SOC Kit Tubes Non-ConTest Container Other	# of containers
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8 oz amber/clear jar 4 oz amber/clear jar 2 oz amber/clear jar Other glass jar Plastic Bag / Ziploc Air Cassette SOC Kit Tubes Non-ConTest Container Other PM 2.5 / PM 10	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit aboratory Comments:	# of containers	8 oz amber/clear jar 4 oz amber/clear jar 2 oz amber/clear jar Other glass jar Plastic Bag / Ziploc Air Cassette SOC Kit Tubes Non-ConTest Container Other PM 2.5 / PM 10 PUF Cartridge	
1 Liter Amber 500 mL Amber 250 mL Amber (8oz amber) 1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit	# of containers	8 oz amber/clear jar 4 oz amber/clear jar 2 oz amber/clear jar Other glass jar Plastic Bag / Ziploc Air Cassette SOC Kit Tubes Non-ConTest Container Other PM 2.5 / PM 10 PUF Cartridge	8



September 24, 2010

Jesse Krawiec Resource Control Associates - RI 474 Broadway Pawtucket, RI 02860

Project Location: 1 Worrell St., Dorchester, MA

Client Job Number: Project Number: A6895A

Laboratory Work Order Number: 10I0565

Holy L. Tolson

Enclosed are results of analyses for samples received by the laboratory on September 17, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom Project Manager



Resource Control Associates - RI REPORT DATE: 9/24/2010

474 Broadway

Pawtucket, RI 02860 PURCHASE ORDER NUMBER: Task 005

ATTN: Jesse Krawiec

PROJECT NUMBER: A6895A

#### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10I0565

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 Worrell St., Dorchester, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W-201	10I0565-01	Wipe		SW-846 8082	
W-202	10I0565-02	Wipe		SW-846 8082	
W-211	10I0565-03	Wipe		SW-846 8082	



#### CASE NARRATIVE SUMMARY

All reported results are within defined laborato	ry quality co	ontrol objectives unless list	ted below or otherwise qualified	d in this report.
--------------------------------------------------	---------------	-------------------------------	----------------------------------	-------------------

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson Laboratory Director Culu



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010565

Date Received: 9/17/2010

Field Sample #: W-201 Sampled: 9/15/2010 20:01

Sample ID: 10I0565-01
Sample Matrix: Wipe

			•						
							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:26	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:26	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:26	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:26	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:26	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:26	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:26	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:26	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:26	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		99.6	30-150					9/20/10 14:26	
Decachlorobiphenyl [2]		89.3	30-150					9/20/10 14:26	
Tetrachloro-m-xylene [1]		106	30-150					9/20/10 14:26	
Tetrachloro-m-xylene [2]		101	30-150					9/20/10 14:26	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010565

Date Received: 9/17/2010

**Field Sample #: W-202** Sampled: 9/15/2010 19:48

Sample ID: 10I0565-02
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:39	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:39	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:39	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:39	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:39	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:39	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:39	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:39	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:39	PJG
Surrogates		% Recovery	Recovery Limit	ts	Flag				
Decachlorobiphenyl [1]		94.4	30-150					9/20/10 14:39	
Decachlorobiphenyl [2]		85.9	30-150					9/20/10 14:39	
Tetrachloro-m-xylene [1]		92.6	30-150					9/20/10 14:39	
Tetrachloro-m-xylene [2]		90.1	30-150					9/20/10 14:39	



Project Location: 1 Worrell St., Dorchester, MA Sample Description: Work Order: 1010565

Date Received: 9/17/2010

Field Sample #: W-211 Sampled: 9/15/2010 20:15

Sample ID: 10I0565-03
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:53	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:53	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:53	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:53	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:53	PJG
Aroclor-1254 [1]	0.77	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:53	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:53	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:53	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	9/18/10	9/20/10 14:53	PJG
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		106	30-150					9/20/10 14:53	
Decachlorobiphenyl [2]		97.6	30-150					9/20/10 14:53	
Tetrachloro-m-xylene [1]		103	30-150					9/20/10 14:53	
Tetrachloro-m-xylene [2]		99.6	30-150					9/20/10 14:53	



#### **Sample Extraction Data**

#### Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
10I0565-01 [W-201]	B019398	1.00	10.0	09/18/10
10I0565-02 [W-202]	B019398	1.00	10.0	09/18/10
10I0565-03 [W-211]	B019398	1.00	10.0	09/18/10



#### QUALITY CONTROL

#### Polychlorinated Biphenyls By GC/ECD - Quality Control

Pequared: 09/18/10   Analyzed: 09/20/18   Technological   Aracher-1016   Call   ND	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arcelor-1016   ND	Batch B019398 - SW-846 3540C										
Areclor-126 [CC] ND 0.20	Blank (B019398-BLK1)				Prepared: 09	0/18/10 Anal	yzed: 09/20/	10			
Arcolor-1221 [2C] ND 0.20 µg-Wipe Arcolor-1232 [AC] ND 0.20 µg-Wipe Arcolor-1242 [AC] ND 0.20 µg-Wipe Arcolor-1248 ND 0.20 µg-Wipe Arcolor-1248 ND 0.20 µg-Wipe Arcolor-1248 ND 0.20 µg-Wipe Arcolor-1248 ND 0.20 µg-Wipe Arcolor-1249 [AC] ND 0.20 µg-Wipe Arcolor-1254 AC] ND 0.20 µg-Wipe Arcolor-1254 [AC] ND 0.20 µg-Wipe Arcolor-1260 [AC] ND 0.20 µg-Wipe Arcolor-1261 [AC] ND 0.20 µg-Wipe Arcolor-1262 [AC] ND 0.20 µg-Wipe Arcolor-1262 [AC] ND 0.20 µg-Wipe Arcolor-1268 ND 0.20 µg-Wipe Arcolor-1260 [AC] ND 0.20 µg-Wipe Arcolor-1260 ND 0.20 µg-Wipe Arcolor-1260 ND 0.20 µg-Wipe Arcolor-1260 ND 0.20 µg-Wipe Arcolor-1260 ND 0.20 ND 0.	Aroclor-1016	ND	0.20	μg/Wipe							
Ancolor-1232 [CC] ND 0.20 µg/Wipe Arcolor-1232 [CC] ND 0.20 µg/Wipe Arcolor-1232 [CC] ND 0.20 µg/Wipe Arcolor-1242 [CC] ND 0.20 µg/Wipe Arcolor-1248 [CC] ND 0.20 µg/Wipe Arcolor-1254 [CC] ND 0.20 µg/Wipe Arcolor-1254 [CC] ND 0.20 µg/Wipe Arcolor-1254 [CC] ND 0.20 µg/Wipe Arcolor-1260 [CC] ND 0.20 µg/Wipe 0.20 §6.4 30-150 Arcolor-1260 [CC] ND 0.55 [CC] µg/Wipe 0.500 [DG 0.40 Qc	Aroclor-1016 [2C]	ND	0.20	μg/Wipe							
Arcolor-1232 [C] ND 0.20 µg/Wipe Arcolor-1242 [C] ND 0.20 µg/Wipe Arcolor-1243 [C] ND 0.20 µg/Wipe Arcolor-1244 [C] ND 0.20 µg/Wipe Arcolor-1248 [C] ND 0.20 µg/Wipe Arcolor-1248 [C] ND 0.20 µg/Wipe Arcolor-1248 [C] ND 0.20 µg/Wipe Arcolor-1254 ND 0.20 µg/Wipe Arcolor-1260 [C] ND 0.20 µg/Wipe 0.20 77.1 30-150 Arcolor-1260 [C] ND 0.20 µg/Wipe 0.20 77.1 30-150 Arcolor-1260 [C] ND 0.20 µg/Wipe 0.20 77.1 30-150 Arcolor-1260 [C] ND 0.20 µg/Wipe 0.20 ND 0.20	Aroclor-1221	ND	0.20	μg/Wipe							
Arcolor-1232 [2C] ND 0.20 µg-Wipe Arcolor-1242 ND 0.20 µg-Wipe Arcolor-1248 ND 0.20 µg-Wipe Arcolor-1254 ND 0.20 µg-Wipe Arcolor-1254 ND 0.20 µg-Wipe Arcolor-1254 ND 0.20 µg-Wipe Arcolor-1260 ND 0.20 ND 0.	Aroclor-1221 [2C]	ND	0.20	μg/Wipe							
Arcolor-1242   ZC   ND	Aroclor-1232	ND	0.20	μg/Wipe							
Arcolor-1242 [ZC] ND 0.20 µg-Wipe Arcolor-1248 ND 0.20 µg-Wipe Arcolor-1248 ND 0.20 µg-Wipe Arcolor-1254 [ZC] ND 0.20 µg-Wipe Arcolor-1254 [ZC] ND 0.20 µg-Wipe Arcolor-1254 [ZC] ND 0.20 µg-Wipe Arcolor-1260 [ZC] ND 0.20 µg-Wipe Arcolor-1260 [ZC] ND 0.20 µg-Wipe Arcolor-1260 [ZC] ND 0.20 µg-Wipe Arcolor-1262 [ZC] ND 0.20 µg-Wipe Arcolor-1262 [ZC] ND 0.20 µg-Wipe Arcolor-1262 [ZC] ND 0.20 µg-Wipe Arcolor-1268 ND 0.20 µg-Wipe Arcolor-1260 ND 0.20 ND	Aroclor-1232 [2C]	ND	0.20	μg/Wipe							
Arcolor-1248   ND	Aroclor-1242	ND	0.20	μg/Wipe							
Arcolor-1248 [2C] ND 0.20 µg/Wipe Arcolor-1254 (CC] ND 0.20 µg/Wipe Arcolor-1260 (CC) ND 0.20 µg/Wipe Arcolor-1260 (CC) ND 0.20 µg/Wipe Arcolor-1260 [2C] ND 0.20 µg/Wipe Arcolor-1262 [2C] ND 0.20 µg/Wipe Arcolor-1268 (CC) ND 0.20 µg/Wipe Arcolor-1268 (CC) ND 0.20 µg/Wipe Arcolor-1268 [2C] ND 0.20 µg/Wipe Arcolor-1268 (CC) ND 0.20 µg/Wipe Arcolor-1269 (CC) ND 0.20 µg/Wipe Arcolor-1269 (CC) ND 0.20 µg/Wipe Arcolor-1260 (CC) ND 0.20 µg/Wipe Arcolo	Aroclor-1242 [2C]	ND	0.20	μg/Wipe							
Arcelor-1254 (A) Arcelor-1254 (PC) Arcelor-1254 (PC) Arcelor-1260 Arcelor-1260 (A) Arcelor-1262 (PC) Arcelor-1268 (A) Arcelor-1260 (A) Arcelor	Aroclor-1248	ND	0.20	μg/Wipe							
Arcolor-1254 [2C] ND 0.20 µg-Wipe Arcolor-1260 ND 0.20 µg-Wipe Arcolor-1260 ND 0.20 µg-Wipe Arcolor-1262 ND 0.20 µg-Wipe Arcolor-1262 [C] ND 0.20 µg-Wipe Arcolor-1262 [C] ND 0.20 µg-Wipe Arcolor-1262 [C] ND 0.20 µg-Wipe Arcolor-1268 ND 0.20 µg-Wipe  Surrogate: Decachlorobiphenyl ICl 1.54 µg-Wipe 2.00 77.1 30-150 Surrogate: Tetrachloro-m-xylene 1.71 µg-Wipe 2.00 85.6 30-150 Surrogate: Tetrachloro-m-xylene [C] 1.73 µg-Wipe 2.00 85.6 30-150 Surrogate: Tetrachloro-m-xylene [C] 1.73 µg-Wipe 2.00 85.6 30-150 Surrogate: Tetrachloro-m-xylene [C] 1.73 µg-Wipe 0.500 109 40-140 Arcolor-1260 [C] 0.54 0.20 µg-Wipe 0.500 109 40-140 Arcolor-1260 0.55 0.20 µg-Wipe 0.500 109 40-140 Arcolor-1260 0.53 0.20 µg-Wipe 0.500 107 40-140 Arcolor-1260 0.51 0.20 µg-Wipe 0.500 107 40-140 Arcolor-1260 [C] 0.51 0.20 µg-Wipe 0.500 107 40-140 Arcolor-1260 1.76 µg-Wipe 0.500 107 40-140 Arcolor-1260 1.78 µg-Wipe 0.500 1	Aroclor-1248 [2C]	ND	0.20	μg/Wipe							
Arcolor-1260   ND   0.20   µg/Wipe	Aroclor-1254	ND	0.20								
Arcolor-1260 [2C]   ND   0.20   µg/Wipe	Aroclor-1254 [2C]	ND	0.20	μg/Wipe							
Arcolor-1262   ND	Aroclor-1260	ND	0.20	μg/Wipe							
Aroclor-1262 [2C] ND 0.20 μg/Wipe Aroclor-1268 (ND 0.20 μg/Wipe 0.200 77.1 30-150 Surrogate: Decachlorobiphenyl [2C] 1.54 μg/Wipe 0.200 85.6 30-150 Surrogate: Tetrachloro-m-xylene (ND 0.51 0.20 μg/Wipe 0.200 86.4 30-150  LCS (B019398-BS1)  LCS (B019398-BS1)	Aroclor-1260 [2C]	ND	0.20	μg/Wipe							
Aroclor-1268 ND 0.20 µg/Wipe Aroclor-1268 [2C] ND 0.20 µg/Wipe  Surrogate: Decachlorobiphenyl 1.60 Pg/Wipe 2.00 79.9 30-150  Surrogate: Decachlorobiphenyl [2C] 1.54 µg/Wipe 2.00 85.6 30-150  Surrogate: Tetrachloro-m-xylene [2C] 1.73 µg/Wipe 2.00 86.4 30-150  LCS (B019398-BS1) Prepared: 09/18/10 Analyzed: 09/20/10  LCS (B019398-BS1) Prepared: 09/18/10 Analyzed: 09/20/10  Aroclor-1016 0.55 0.20 µg/Wipe 0.500 109 40-140  Aroclor-1016 [2C] 0.54 0.20 µg/Wipe 0.500 109 40-140  Aroclor-1260 [2C] 0.51 0.20 µg/Wipe 0.500 109 40-140  Aroclor-1260 [2C] 0.51 0.20 µg/Wipe 0.500 102 40-140  Surrogate: Decachlorobiphenyl [2C] 1.65 µg/Wipe 0.500 102 40-140  Surrogate: Decachlorobiphenyl [2C] 1.65 µg/Wipe 0.500 85.7 30-150  Surrogate: Tetrachloro-m-xylene 1.86 µg/Wipe 0.500 82.5 30-150  Surrogate: Tetrachloro-m-xylene [2C] 1.87 µg/Wipe 0.500 102 40-140  LCS Dup (B019398-BS1) Prepared: 09/18/10 Analyzed: 09/20/10  LCS Dup (B019398-BS1) Prepared: 09/18/10 Analyzed: 09/20/10  Aroclor-1260 0.51 0.20 µg/Wipe 0.500 102 40-140  Aroclor-1016 [2C] 0.51 0.50 µg/Wipe 0.500 102 40-140  Aroclor-1016 0.52 0.20 µg/Wipe 0.500 92.8 30-150  LCS Dup (B019398-BS1) Prepared: 09/18/10 Analyzed: 09/20/10  Aroclor-1016 0.52 0.20 µg/Wipe 0.500 104 40-140 5.25 30  Aroclor-1016 0.52 0.20 µg/Wipe 0.500 104 40-140 7.14 30  Aroclor-1016 [2C] 0.51 0.20 µg/Wipe 0.500 104 40-140 7.14 30  Aroclor-1260 0.48 0.20 µg/Wipe 0.500 95.8 40-140 10.9 30  Aroclor-1260 0.48 0.20 µg/Wipe 0.500 95.8 40-140 10.9 30  Aroclor-1260 1.64 0.46 0.20 µg/Wipe 0.500 95.8 40-140 10.9 30  Aroclor-1260 1.65 0.40 0.46 0.20 µg/Wipe 0.500 95.8 40-140 10.9 30  Aroclor-1260 1.69 0.40 0.40 0.40 0.40 0.40 0.40 0.40 0.4	Aroclor-1262	ND	0.20	μg/Wipe							
ND   0.20   pg/Wipe   2.00   79.9   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   30-150   3	Aroclor-1262 [2C]	ND	0.20	μg/Wipe							
Surrogate: Decachlorobiphenyl   1.60	Aroclor-1268	ND	0.20	μg/Wipe							
Surrogate: Decachlorobiphenyl [2C]   1.54   µg/Wipe   2.00   77.1   30-150	Aroclor-1268 [2C]	ND	0.20	μg/Wipe							
Surrogate: Tetrachloro-m-xylene   1.71	Surrogate: Decachlorobiphenyl	1.60		$\mu g/Wipe$	2.00		79.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]   1.73	Surrogate: Decachlorobiphenyl [2C]	1.54		μg/Wipe	2.00		77.1	30-150			
Prepared: 09/18/10   Analyzed: 09/20/10	Surrogate: Tetrachloro-m-xylene	1.71		μg/Wipe	2.00		85.6	30-150			
Arcolor-1016	Surrogate: Tetrachloro-m-xylene [2C]	1.73		μg/Wipe	2.00		86.4	30-150			
Aroclor-1016 [2C] 0.54 0.20 µg/Wipe 0.500 109 40-140 Aroclor-1260 0.53 0.20 µg/Wipe 0.500 107 40-140 Aroclor-1260 [2C] 0.51 0.20 µg/Wipe 0.500 102 40-140  Surrogate: Decachlorobiphenyl 1.71 µg/Wipe 2.00 85.7 30-150 Surrogate: Decachlorobiphenyl [2C] 1.65 µg/Wipe 2.00 82.5 30-150 Surrogate: Tetrachloro-m-xylene 1.86 µg/Wipe 2.00 92.8 30-150 Surrogate: Tetrachloro-m-xylene [2C] 1.87 µg/Wipe 2.00 93.3 30-150  LCS Dup (B019398-BSD1) Prepared: 09/18/10 Analyzed: 09/20/10  Aroclor-1016 [2C] 0.51 0.20 µg/Wipe 0.500 104 40-140 5.25 30 Aroclor-1016 [2C] 0.51 0.20 µg/Wipe 0.500 101 40-140 7.14 30 Aroclor-1260 [2C] 0.46 0.20 µg/Wipe 0.500 95.8 40-140 10.9 30 Aroclor-1260 [2C] 0.46 0.20 µg/Wipe 0.500 91.6 40-140 10.3 30  Surrogate: Decachlorobiphenyl 1.64 µg/Wipe 2.00 81.8 30-150 Surrogate: Decachlorobiphenyl [2C] 1.58 µg/Wipe 2.00 79.1 30-150 Surrogate: Tetrachloro-m-xylene 1.69 µg/Wipe 2.00 84.4 30-150	LCS (B019398-BS1)				Prepared: 09	0/18/10 Anal	yzed: 09/20/	10			
Aroclor-1260         0.53         0.20 μg/Wipe         0.500         107 40-140           Aroclor-1260 [2C]         0.51         0.20 μg/Wipe         0.500         102 40-140           Surrogate: Decachlorobiphenyl         1.71         μg/Wipe         2.00         85.7 30-150           Surrogate: Decachlorobiphenyl [2C]         1.65         μg/Wipe         2.00         82.5 30-150           Surrogate: Tetrachloro-m-xylene         1.86         μg/Wipe         2.00         92.8 30-150           Surrogate: Tetrachloro-m-xylene [2C]         1.87         μg/Wipe         2.00         93.3 30-150           LCS Dup (B019398-BSD1)         Prepared: 09/18/10 Analyzed: 09/20/10           Aroclor-1016 [2C] <td< td=""><td>Aroclor-1016</td><td>0.55</td><td>0.20</td><td>μg/Wipe</td><td>0.500</td><td></td><td>109</td><td>40-140</td><td></td><td></td><td></td></td<>	Aroclor-1016	0.55	0.20	μg/Wipe	0.500		109	40-140			
Aroclor-1260 [2C] 0.51 0.20 μg/Wipe 0.500 102 40-140  Surrogate: Decachlorobiphenyl 1.71 μg/Wipe 2.00 85.7 30-150  Surrogate: Decachlorobiphenyl [2C] 1.65 μg/Wipe 2.00 82.5 30-150  Surrogate: Tetrachloro-m-xylene 1.86 μg/Wipe 2.00 92.8 30-150  Surrogate: Tetrachloro-m-xylene [2C] 1.87 μg/Wipe 2.00 93.3 30-150  LCS Dup (B019398-BSD1) Prepared: 09/18/10 Analyzed: 09/20/10  LCS Dup (B019398-BSD1) Prepared: 09/18/10 Analyzed: 09/20/10  Aroclor-1016 2C] 0.51 0.20 μg/Wipe 0.500 104 40-140 5.25 30  Aroclor-1260 [2C] 0.48 0.20 μg/Wipe 0.500 101 40-140 7.14 30  Aroclor-1260 0.48 0.20 μg/Wipe 0.500 95.8 40-140 10.9 30  Aroclor-1260 [2C] 0.46 0.20 μg/Wipe 0.500 91.6 40-140 10.3 30  Surrogate: Decachlorobiphenyl 1.64 μg/Wipe 2.00 81.8 30-150  Surrogate: Decachlorobiphenyl [2C] 1.58 μg/Wipe 2.00 79.1 30-150  Surrogate: Tetrachloro-m-xylene 1.69 μg/Wipe 2.00 84.4 30-150	Aroclor-1016 [2C]	0.54	0.20	μg/Wipe	0.500		109	40-140			
Surrogate: Decachlorobiphenyl [2C]	Aroclor-1260	0.53	0.20	μg/Wipe	0.500		107	40-140			
Surrogate: Decachlorobiphenyl [2C]	Aroclor-1260 [2C]	0.51	0.20	$\mu g/Wipe$	0.500		102	40-140			
Surrogate: Tetrachloro-m-xylene   1.86	Surrogate: Decachlorobiphenyl	1.71		μg/Wipe	2.00		85.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	Surrogate: Decachlorobiphenyl [2C]	1.65		μg/Wipe	2.00		82.5	30-150			
Prepared: 09/18/10   Analyzed: 09/20/10	Surrogate: Tetrachloro-m-xylene	1.86		μg/Wipe	2.00		92.8	30-150			
Aroclor-1016       0.52       0.20 μg/Wipe       0.500       104 40-140 5.25 30         Aroclor-1016 [2C]       0.51       0.20 μg/Wipe 0.500 101 40-140 7.14 30         Aroclor-1260       0.48       0.20 μg/Wipe 0.500 95.8 40-140 10.9 30         Aroclor-1260 [2C]       0.46 0.20 μg/Wipe 0.500 91.6 40-140 10.3 30         Surrogate: Decachlorobiphenyl       1.64 μg/Wipe 2.00 81.8 30-150         Surrogate: Decachlorobiphenyl [2C]       1.58 μg/Wipe 2.00 79.1 30-150         Surrogate: Tetrachloro-m-xylene       1.69 μg/Wipe 2.00 84.4 30-150	Surrogate: Tetrachloro-m-xylene [2C]	1.87		μg/Wipe	2.00		93.3	30-150			
Aroclor-1016 [2C]       0.51       0.20       μg/Wipe       0.500       101       40-140       7.14       30         Aroclor-1260       0.48       0.20       μg/Wipe       0.500       95.8       40-140       10.9       30         Aroclor-1260 [2C]       0.46       0.20       μg/Wipe       0.500       91.6       40-140       10.3       30         Surrogate: Decachlorobiphenyl       1.64       μg/Wipe       2.00       81.8       30-150         Surrogate: Decachlorobiphenyl [2C]       1.58       μg/Wipe       2.00       79.1       30-150         Surrogate: Tetrachloro-m-xylene       1.69       μg/Wipe       2.00       84.4       30-150	LCS Dup (B019398-BSD1)				Prepared: 09	7/18/10 Anal	yzed: 09/20/	10			
Aroclor-1260         0.48         0.20 μg/Wipe         0.500         95.8         40-140 10.9         30           Aroclor-1260 [2C]         0.46         0.20 μg/Wipe         0.500         91.6         40-140 10.3         30           Surrogate: Decachlorobiphenyl         1.64         μg/Wipe         2.00         81.8         30-150           Surrogate: Decachlorobiphenyl [2C]         1.58         μg/Wipe         2.00         79.1         30-150           Surrogate: Tetrachloro-m-xylene         1.69         μg/Wipe         2.00         84.4         30-150	Aroclor-1016	0.52	0.20	μg/Wipe	0.500		104	40-140	5.25	30	
Aroclor-1260 [2C]         0.46         0.20         μg/Wipe         0.500         91.6         40-140         10.3         30           Surrogate: Decachlorobiphenyl         1.64         μg/Wipe         2.00         81.8         30-150           Surrogate: Decachlorobiphenyl [2C]         1.58         μg/Wipe         2.00         79.1         30-150           Surrogate: Tetrachloro-m-xylene         1.69         μg/Wipe         2.00         84.4         30-150	Aroclor-1016 [2C]	0.51	0.20	μg/Wipe	0.500		101	40-140	7.14	30	
Surrogate: Decachlorobiphenyl       1.64       μg/Wipe       2.00       81.8       30-150         Surrogate: Decachlorobiphenyl [2C]       1.58       μg/Wipe       2.00       79.1       30-150         Surrogate: Tetrachloro-m-xylene       1.69       μg/Wipe       2.00       84.4       30-150	Aroclor-1260	0.48	0.20	$\mu g/Wipe$	0.500		95.8	40-140	10.9	30	
Surrogate: Decachlorobiphenyl [2C] 1.58 $\mu$ g/Wipe 2.00 79.1 30-150 Surrogate: Tetrachloro-m-xylene 1.69 $\mu$ g/Wipe 2.00 84.4 30-150	Aroclor-1260 [2C]	0.46	0.20	μg/Wipe	0.500		91.6	40-140	10.3	30	
Surrogate: Tetrachloro-m-xylene 1.69 µg/Wipe 2.00 84.4 30-150	Surrogate: Decachlorobiphenyl	1.64		μg/Wipe	2.00		81.8	30-150			
	Surrogate: Decachlorobiphenyl [2C]	1.58		$\mu g/Wipe$	2.00		79.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C] 1.70 μg/Wipe 2.00 85.0 30-150	Surrogate: Tetrachloro-m-xylene	1.69		$\mu g/Wipe$	2.00		84.4	30-150			
	Surrogate: Tetrachloro-m-xylene [2C]	1.70		$\mu g/Wipe$	2.00		85.0	30-150			



#### FLAG/QUALIFIER SUMMARY

- QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits estabished for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.



#### CERTIFICATIONS

#### Certified Analyses included in this Report

**Analyte** Certifications

No certified Analyses included in this Report

 $The \ CON-TEST \ Environmental \ Laboratory \ operates \ under \ the \ following \ certifications \ and \ accreditations:$ 

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publile Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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Sampled By: Project Location: 1 Worrell St, Dorchester, MA Attention: Address: Received by: (signature) Relinguished by: (signature) Comments: Company Name: Resource Controls 5-day TAT. All wipe areas = Con-Test Lab ID Project Proposal Provided? (for billing purposes) 9 9 0 Shauna Edson 474 Broadway Pawtucket, RI 02860 Jesse Krawiec Client Sample ID / Description proposal date W-202 W-201 W-211 3 Date/Jigge: Date/Time: Phone: 413-525-2332 Email: info@contestlabs.com Fax: 413-525-6405 www.contestlabs.com 9/15/2010 9/15/2010 9/15/2010 Beginning Date/Time urnaround Collection 51 sq. inches Other 5-DAY 10-Day 7-Day Project # Email: Fax # DATA DELIVERY (check all that apply Format: Client PO# Telephone: (401) 728-6860 OFAX 20:01 Date/Time 20:15 19:48 Ending **CHAIN OF CUSTODY RECORD ⊙EMAIL** Task 005 jkrawiec@resourcecontrols.com Massachusetts: O "Enhanced Data Package" A6895A Composite Grab O OTHER PDF • EXCEL Detection Limit Requirements LO HOSEN WEBSITE × × × 0 0 0 SIBO Matrix Please use the following codes to let Con-Test know if a specific sample epog sand H - High; M - Medium; L - Low; C - Clean; U + Unknown  $\subset$ may be high in concentration in Matrix/Conc. Code Box:  $\subset$  $\subset$ **(**) PCBs by 8082, Soxlet Is your project MCP or RCP? **ANALYSIS REQUESTED** O RCP Form Required O MCP Form Required 39 Spruce Street East longmeadow, MA 01028 ** Preservatio l = lced ***Container C # of Containe 0 = Other Hexane T = Na thiosulfate X = Na hydroxide 8 = Sodium bisulfate S = Sulfuric Acid N = Nitric Acid M = Methanol **Preservation 0 = other Wipe DW= drinking water WW= wastewater GW= groundwater H= HCL 0=Other T=tedlar bag S = soil/solid *Matrix Code: S=summa can V= vial ST=sterile G=glass A=amber glass SL = sludge P=plastic ***Cont. Code: Page_ O Lab to Filter Field Filtered Dissolved Metals Page 11 of 12

IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR

quisned

Date/Time:

Pate/Ture 172-Hr 🗆 14-Day

□ [†]24-Hr □ [†]48-Hr

RUSH T

Require lab approval

Other:

vee by: (signature)

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

O MA State DW Form Required PWSID#

AHIA

**NELAC & AIHA Certified** WBE/DBE Certified

www.contestlabs.com

Do all samples have the proper Base pH: Yes No N/A



## Sample Receipt Checklist

39 Spruce St. East Longmeadow, MA. 01028

> P: 413-525-2332 F: 413-525-6405

> > June 2010

CLIENT NAME: Resource	Controls	_ RECEIVED BY:_	TEC DAT	TE: 4/17-10
1) Was the chain(s) of custody is 2) Does the chain agree with the If not, explain:	-	gned?	Yes No	·
3) Are all the samples in good c If not, explain:	ondition?	•	Yes No	
4) How were the samples receive On Ice Direct from S		Ambient	In Cooler(s)	
Were the samples received in Te	emperature Complia	ance of (2-6°C)?	Yes No N/	4
Temperature °C by Temp blank		Temperature °C t	oy Temp gun	e.c
5) Are there Dissolved samples	for the lab to filter?		Yes No	
Who was notified	Date	Time		
6) Are there any samples "On Ho	old"?		Yes No Store	ed where:
7) Are there any RUSH or SHORT	T HOLDING TIME sa	ımples?	Yes No	Notice of the state of the stat
Who was notified	Date	Time		
8) Location where samples are s	F*************************************	—) [	ission to subcontract	samples? Yes No
		1 1	-in clients only) if not	•
			Signature:	arready approved
		Olichi	Olynatare.	New York (See also below) the second of the second
Co	ontainers rec	ceived at Co	n-Test	
	# of containers			# of containers
1 Liter Amber		8 oz a	ımber/clear jar	
500 mL Amber		4 oz a	mber/clear jar	3
		2070	mber/clear jar	
250 mL Amber (8oz amber)			TOTAL CONTRACT OF THE PARTY OF	
250 mL Amber (8oz amber) 1 Liter Plastic			er glass jar	
1 Liter Plastic 500 mL Plastic		Oth Plasti	ier glass jar c Bag / Ziploc	
1 Liter Plastic 500 mL Plastic 250 mL plastic		Oth Plasti Air	ner glass jar c Bag / Ziploc r Cassette	
1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below		Oth Plasti Air	ner glass jar c Bag / Ziploc r Cassette SOC Kit	
1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle		Oth Plasti Air	ner glass jar c Bag / Ziploc r Cassette SOC Kit Tubes	
1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle		Oth Plasti Air	ner glass jar c Bag / Ziploc r Cassette SOC Kit Tubes nTest Container	
1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle		Oth Plasti Air	ner glass jar c Bag / Ziploc r Cassette SOC Kit Tubes nTest Container Other	
1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore		Oth Plasti Aii Non-Cor	ner glass jar c Bag / Ziploc r Cassette SOC Kit Tubes nTest Container Other	
1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit		Oth Plasti Aii Non-Cor	ner glass jar c Bag / Ziploc r Cassette SOC Kit Tubes nTest Container Other	
1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore		Oth Plasti Aii Non-Cor	ner glass jar c Bag / Ziploc r Cassette SOC Kit Tubes nTest Container Other	
1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit aboratory Comments:	# Methanol	Oth Plasti Aii Non-Cor	ner glass jar c Bag / Ziploc r Cassette SOC Kit Tubes nTest Container Other 2.5 / PM 10 F Cartridge	nd Date Frozen:
1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit aboratory Comments:	-	Non-Cor	ner glass jar c Bag / Ziploc r Cassette SOC Kit Tubes nTest Container Other 2.5 / PM 10 F Cartridge	nd Date Frozen:
1 Liter Plastic 500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit aboratory Comments:	# DI Water	Oth Plasti Aii Non-Cor	ner glass jar c Bag / Ziploc r Cassette SOC Kit Tubes nTest Container Other 2.5 / PM 10 F Cartridge	nd Date Frozen:



October 19, 2010

Jesse Krawiec Resource Control Associates - RI 474 Broadway Pawtucket, RI 02860

Project Location: Murphy School, Dorchester

Client Job Number: Project Number: A6895

Laboratory Work Order Number: 10J0400

Holy L. Tolson

Enclosed are results of analyses for samples received by the laboratory on October 12, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom Project Manager



Resource Control Associates - RI REPORT DATE: 10/19/2010

474 Broadway

Pawtucket, RI 02860 PURCHASE ORDER NUMBER: TASK 005

ATTN: Jesse Krawiec

PROJECT NUMBER: A6895

#### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10J0400

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: Murphy School, Dorchester

_	FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
	W9-CS1	10J0400-01	Product/Solid		SW-846 8082	
	W32-CC1	10J0400-02	Product/Solid		SW-846 8082	
	W31-B1	10J0400-03	Product/Solid		SW-846 8082	
	W31-B2	10J0400-04	Product/Solid		SW-846 8082	
	DUP-1	10J0400-05	Product/Solid		SW-846 8082	
	DUP-2	10J0400-06	Product/Solid		SW-846 8082	



#### CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082

Qualifications:

Elevated detection limit due to matrix.

Analyte & Samples(s) Qualified:

10J0400-03[W31-B1], 10J0400-04[W31-B2]

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

 $\label{eq:cachlorobiphenyl} \textbf{Decachlorobiphenyl [2C], Tetrachloro-m-xylene, Tetrachloro-m-xylene [2C] } 10J0400-02[W32-CC1]$ 

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson Laboratory Director

Culu



Project Location: Murphy School, Dorchester Sample Description: Work Order: 10J0400

Date Received: 10/12/2010

Field Sample #: W9-CS1

Sampled: 10/5/2010 16:54

Sample ID: 10J0400-01
Sample Matrix: Product/Solid

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.018	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 16:26	PJG
Aroclor-1221 [1]	ND	0.018	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 16:26	PJG
Aroclor-1232 [1]	ND	0.018	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 16:26	PJG
Aroclor-1242 [1]	ND	0.018	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 16:26	PJG
Aroclor-1248 [1]	ND	0.018	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 16:26	PJG
Aroclor-1254 [1]	ND	0.018	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 16:26	PJG
Aroclor-1260 [1]	ND	0.018	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 16:26	PJG
Aroclor-1262 [1]	ND	0.018	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 16:26	PJG
Aroclor-1268 [1]	ND	0.018	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 16:26	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		104	30-150					10/18/10 16:26	
Decachlorobiphenyl [2]		97.5	30-150					10/18/10 16:26	
Tetrachloro-m-xylene [1]		109	30-150					10/18/10 16:26	
Tetrachloro-m-xylene [2]		104	30-150					10/18/10 16:26	



Project Location: Murphy School, Dorchester Sample Description: Work Order: 10J0400

Date Received: 10/12/2010

Field Sample #: W32-CC1

Sampled: 10/5/2010 17:35

Sample ID: 10J0400-02
Sample Matrix: Product/Solid

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	1.0	mg/Kg	50		SW-846 8082	10/14/10	10/19/10 9:08	PJG
Aroclor-1221 [1]	ND	1.0	mg/Kg	50		SW-846 8082	10/14/10	10/19/10 9:08	PJG
Aroclor-1232 [1]	ND	1.0	mg/Kg	50		SW-846 8082	10/14/10	10/19/10 9:08	PJG
Aroclor-1242 [1]	ND	1.0	mg/Kg	50		SW-846 8082	10/14/10	10/19/10 9:08	PJG
Aroclor-1248 [1]	ND	1.0	mg/Kg	50		SW-846 8082	10/14/10	10/19/10 9:08	PJG
Aroclor-1254 [1]	62	1.0	mg/Kg	50		SW-846 8082	10/14/10	10/19/10 9:08	PJG
Aroclor-1260 [1]	ND	1.0	mg/Kg	50		SW-846 8082	10/14/10	10/19/10 9:08	PJG
Aroclor-1262 [1]	ND	1.0	mg/Kg	50		SW-846 8082	10/14/10	10/19/10 9:08	PJG
Aroclor-1268 [1]	ND	1.0	mg/Kg	50		SW-846 8082	10/14/10	10/19/10 9:08	PJG
Surrogates		% Recovery	Recovery Limits	1	Flag				
Decachlorobiphenyl [1]		*	30-150		S-01			10/19/10 9:08	
Decachlorobiphenyl [2]		*	30-150		S-01			10/19/10 9:08	
Tetrachloro-m-xylene [1]		*	30-150		S-01			10/19/10 9:08	
Tetrachloro-m-xylene [2]		*	30-150		S-01			10/19/10 9:08	



Project Location: Murphy School, Dorchester Sample Description: Work Order: 10J0400

Date Received: 10/12/2010

Field Sample #: W31-B1 Sampled: 10/5/2010 17:08

109

119

Sample ID: 10J0400-03
Sample Matrix: Product/Solid

Tetrachloro-m-xylene [1]

Tetrachloro-m-xylene [2]

Sample Flags: DL-03		Po	lychlorinated Bipho	enyls By GC/I	ECD				
							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:22	PJG
Aroclor-1221 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:22	PJG
Aroclor-1232 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:22	PJG
Aroclor-1242 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:22	PJG
Aroclor-1248 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:22	PJG
Aroclor-1254 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:22	PJG
Aroclor-1260 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:22	PJG
Aroclor-1262 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:22	PJG
Aroclor-1268 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:22	PJG
Surrogates		% Recovery	Recovery Limits	3	Flag				
Decachlorobiphenyl [1]		107	30-150					10/19/10 9:22	
Decachlorobiphenyl [2]		101	30-150					10/19/10 9:22	

30-150

30-150

10/19/10 9:22 10/19/10 9:22



Project Location: Murphy School, Dorchester Sample Description: Work Order: 10J0400

Date Received: 10/12/2010

Field Sample #: W31-B2 Sampled: 10/5/2010 17:14

Sample ID: 10J0400-04

Sample Matrix: Product/Solid

Sample Flags: DL-03		Po	lychlorinated Biph	enyls By GC/I	ECD				
Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:35	PJG
Aroclor-1221 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:35	PJG
Aroclor-1232 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:35	PJG
Aroclor-1242 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:35	PJG
Aroclor-1248 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:35	PJG
Aroclor-1254 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:35	PJG
Aroclor-1260 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:35	PJG
Aroclor-1262 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:35	PJG
Aroclor-1268 [1]	ND	0.20	mg/Kg	10		SW-846 8082	10/14/10	10/19/10 9:35	PJG
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		102	30-150					10/19/10 9:35	
Decachlorobiphenyl [2]		106	30-150					10/19/10 9:35	
Tetrachloro-m-xylene [1]		110	30-150					10/19/10 9:35	
Tetrachloro-m-xylene [2]		117	30-150					10/19/10 9:35	



Project Location: Murphy School, Dorchester Sample Description: Work Order: 10J0400

Date Received: 10/12/2010

Field Sample #: DUP-1

Sampled: 10/5/2010 00:00

Sample ID: 10J0400-05

Sample Matrix: Product/Solid

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:20	PJG
Aroclor-1221 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:20	PJG
Aroclor-1232 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:20	PJG
Aroclor-1242 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:20	PJG
Aroclor-1248 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:20	PJG
Aroclor-1254 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:20	PJG
Aroclor-1260 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:20	PJG
Aroclor-1262 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:20	PJG
Aroclor-1268 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:20	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		98.1	30-150					10/18/10 17:20	
Decachlorobiphenyl [2]		92.0	30-150					10/18/10 17:20	
Tetrachloro-m-xylene [1]		103	30-150					10/18/10 17:20	
Tetrachloro-m-xylene [2]		98.6	30-150					10/18/10 17:20	



Project Location: Murphy School, Dorchester Sample Description: Work Order: 10J0400

Date Received: 10/12/2010

Field Sample #: DUP-2

Sampled: 10/5/2010 00:00

Sample ID: 10J0400-06

Sample Matrix: Product/Solid

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:33	PJG
Aroclor-1221 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:33	PJG
Aroclor-1232 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:33	PJG
Aroclor-1242 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:33	PJG
Aroclor-1248 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:33	PJG
Aroclor-1254 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:33	PJG
Aroclor-1260 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:33	PJG
Aroclor-1262 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:33	PJG
Aroclor-1268 [1]	ND	0.020	mg/Kg	1		SW-846 8082	10/14/10	10/18/10 17:33	PJG
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		103	30-150					10/18/10 17:33	
Decachlorobiphenyl [2]		96.8	30-150					10/18/10 17:33	
Tetrachloro-m-xylene [1]		113	30-150					10/18/10 17:33	
Tetrachloro-m-xylene [2]		107	30-150					10/18/10 17:33	



### **Sample Extraction Data**

#### Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
10J0400-01 [W9-CS1]	B020720	2.20	10.0	10/14/10
10J0400-02 [W32-CC1]	B020720	2.00	10.0	10/14/10
10J0400-03 [W31-B1]	B020720	2.00	10.0	10/14/10
10J0400-04 [W31-B2]	B020720	2.00	10.0	10/14/10
10J0400-05 [DUP-1]	B020720	2.00	10.0	10/14/10
10J0400-06 [DUP-2]	B020720	2.00	10.0	10/14/10



#### QUALITY CONTROL

#### Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B020720 - SW-846 3540C										
Blank (B020720-BLK1)				Prepared: 10	0/14/10 Anal	yzed: 10/18/	10			
Aroclor-1016	ND	0.020	mg/Kg							
Aroclor-1016 [2C]	ND	0.020	mg/Kg							
Aroclor-1221	ND	0.020	mg/Kg							
Aroclor-1221 [2C]	ND	0.020	mg/Kg							
Aroclor-1232	ND	0.020	mg/Kg							
Aroclor-1232 [2C]	ND	0.020	mg/Kg							
Aroclor-1242	ND	0.020	mg/Kg							
Aroclor-1242 [2C]	ND	0.020	mg/Kg							
Aroclor-1248	ND	0.020	mg/Kg							
Aroclor-1248 [2C]	ND	0.020	mg/Kg							
Aroclor-1254	ND	0.020	mg/Kg							
Aroclor-1254 [2C]	ND	0.020	mg/Kg							
Aroclor-1260	ND	0.020	mg/Kg							
Aroclor-1260 [2C]	ND	0.020	mg/Kg							
aroclor-1262	ND	0.020	mg/Kg							
aroclor-1262 [2C]	ND	0.020	mg/Kg							
Aroclor-1268	ND	0.020	mg/Kg							
aroclor-1268 [2C]	ND	0.020	mg/Kg							
urrogate: Decachlorobiphenyl	0.944		mg/Kg	1.00		94.4	30-150			
urrogate: Decachlorobiphenyl [2C]	0.900		mg/Kg	1.00		90.0	30-150			
Surrogate: Tetrachloro-m-xylene	1.08		mg/Kg	1.00		108	30-150			
urrogate: Tetrachloro-m-xylene [2C]	1.04		mg/Kg	1.00		104	30-150			
LCS (B020720-BS1)				Prepared: 10	0/14/10 Anal	yzed: 10/18/	10			
Aroclor-1016	0.23	0.020	mg/Kg	0.250		91.7	40-140			
Aroclor-1016 [2C]	0.25	0.020	mg/Kg	0.250		98.2	40-140			
Aroclor-1260	0.24	0.020	mg/Kg	0.250		97.0	40-140			
Aroclor-1260 [2C]	0.25	0.020	mg/Kg	0.250		98.1	40-140			
urrogate: Decachlorobiphenyl	0.942		mg/Kg	1.00		94.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.885		mg/Kg	1.00		88.5	30-150			
Surrogate: Tetrachloro-m-xylene	1.06		mg/Kg	1.00		106	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.01		mg/Kg	1.00		101	30-150			
.CS Dup (B020720-BSD1)				Prepared: 10	0/14/10 Anal	yzed: 10/18/	10			
Aroclor-1016	0.26	0.020	mg/Kg	0.250		104	40-140	12.1	30	
aroclor-1016 [2C]	0.26	0.020	mg/Kg	0.250		106	40-140	7.51	30	
Aroclor-1260	0.28	0.020	mg/Kg	0.250		111	40-140	13.7	30	
Aroclor-1260 [2C]	0.27	0.020	mg/Kg	0.250		110	40-140	11.1	30	
Surrogate: Decachlorobiphenyl	1.09		mg/Kg	1.00		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.01		mg/Kg	1.00		101	30-150			
Surrogate: Tetrachloro-m-xylene	1.13		mg/Kg	1.00		113	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.07		mg/Kg	1.00		107	30-150			



#### QUALITY CONTROL

#### Polychlorinated Biphenyls By GC/ECD - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B020720 - SW-846 3540C										
Matrix Spike (B020720-MS1)	Sour	ce: 10J0400-	01	Prepared: 10	0/14/10 Analyz	zed: 10/18/	10			
Aroclor-1016	0.25	0.019	mg/Kg	0.238	0.0	105	40-140			
Aroclor-1016 [2C]	0.25	0.019	mg/Kg	0.238	0.0	105	40-140			
Aroclor-1260	0.26	0.019	mg/Kg	0.238	0.0	107	40-140			
Aroclor-1260 [2C]	0.24	0.019	mg/Kg	0.238	0.0	99.2	40-140			
Surrogate: Decachlorobiphenyl	1.10		mg/Kg	0.952		116	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.03		mg/Kg	0.952		108	30-150			
Surrogate: Tetrachloro-m-xylene	1.11		mg/Kg	0.952		117	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.05		mg/Kg	0.952		111	30-150			
Matrix Spike Dup (B020720-MSD1)	Sour	ce: 10J0400-	01	Prepared: 10	0/14/10 Analyz	zed: 10/18/	10			
Aroclor-1016	0.27	0.020	mg/Kg	0.250	0.0	108	40-140	7.40	50	
Aroclor-1016 [2C]	0.26	0.020	mg/Kg	0.250	0.0	106	40-140	5.23	50	
Aroclor-1260	0.26	0.020	mg/Kg	0.250	0.0	103	40-140	1.38	50	
Aroclor-1260 [2C]	0.24	0.020	mg/Kg	0.250	0.0	97.5	40-140	3.14	50	
Surrogate: Decachlorobiphenyl	1.11		mg/Kg	1.00		111	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.02		mg/Kg	1.00		102	30-150			
Surrogate: Tetrachloro-m-xylene	1.13		mg/Kg	1.00		113	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.08		mg/Kg	1.00		108	30-150			



#### FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
DL-03	Elevated detection limit due to matrix.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.



#### CERTIFICATIONS

#### Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082 in Product/Solid	
Aroclor-1016	CT,NH,NY
Aroclor-1016 [2C]	CT,NH,NY
Aroclor-1221	CT,NH,NY
Aroclor-1221 [2C]	CT,NH,NY
Aroclor-1232	CT,NH,NY
Aroclor-1232 [2C]	CT,NH,NY
Aroclor-1242	CT,NH,NY
Aroclor-1242 [2C]	CT,NH,NY
Aroclor-1248	CT,NH,NY
Aroclor-1248 [2C]	CT,NH,NY
Aroclor-1254	CT,NH,NY
Aroclor-1254 [2C]	CT,NH,NY
Aroclor-1260	CT,NH,NY
Aroclor-1260 [2C]	CT,NH,NY

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publile Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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3 water	A = air	Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:	Please use the may be			いりでは、一年
vater	<b>WW</b> = groundwater					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*Matrix Code					
1	O = Other					
Hate	T = Na thiosulfate					
isulfate ide	B = Sodium bisulfate	× -	X	5 5	<b>Y</b>	TON DUP- S
ä ⁿ	S = Sulfuric Acid		X S	で 可 で		1 1 2 2 2 7
. <b></b>	M = Vlethanol					
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	P=plastic ST=sterile		O OTHER	Format:	billing purposes) proposal date	Project Proposal Provided? (for billing purposes)  O yes
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Pag B			(Hall) 728-6860 (	STelephone:	CALLED CO	/ Name:
je 1	Preserva		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	s.com	www.contestlabs.com	
5 (	# of Contair			bs.com	,	ANALYTICAL LABORATORY
of 16	Page /				<b>6</b>	
)	`	39 Spruce Street	CIAIN OF CUSTODY TO		Phone: 413-525-2332	Dockson Control of the Control of th

COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL OLIESTIONS ADE ANSWEDEN

WBE/DBE Certiful Note: Town Starts at 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT

**NELAC & AIHA Certified** WBE/DBE Certified

Date/Time: 18/12/10 18/35

www.contestlabs.com



# Sample Receipt Checklist

39 Spruce St. East Longmeadow, MA. 01028

> P: 413-525-2332 F: 413-525-6405

CLIENT NAME: Resource	Controls	_ RECEIVED BA:	DATE: 15/12/13				
1) Was the chain(s) of custody 2) Does the chain agree with to If not, explain:		ned? Yes No					
3) Are all the samples in good If not, explain:	condition?	(Yes) No					
4) How were the samples recei	ived:						
On Ice Direct from	Sampling	Ambient In Cooler(s)					
Were the samples received in	Temperature Compliar						
Temperature °C by Temp blank		_Temperature °C by Temp gun					
5) Are there Dissolved samples Who was notified		Yes No	}				
6) Are there any samples "On H		7	Chanadad				
		Yes No	Stored where:				
7) Are there any RUSH or SHOF							
Who was notified		Time	11-ANII-14-				
8) Location where samples are	stored: 19	Permission to subcor	ntract samples? Yes No				
		(Walk-in clients only) if not already approved					
		Client Signature:					
C	ontoinava vaa	cived at Oan Tast					
<u></u>	B	eived at Con-Test					
1 Liter Amber	# of containers	0.07.0700000000000000000000000000000000	# of containers				
500 mL Amber		8 oz amber/clear jar					
250 mL Amber (8oz amber)		4 oz amber/clear jar 2 oz amber/clear jar	6				
		Other glass jar					
1 Liter Plastic		Otici glass lai					
1 Liter Plastic 500 mL Plastic							
		Plastic Bag / Ziploc					
500 mL Plastic		Plastic Bag / Ziploc Air Cassette					
500 mL Plastic 250 mL plastic		Plastic Bag / Ziploc Air Cassette SOC Kit					
500 mL Plastic 250 mL plastic 40 mL Vial - type listed below		Plastic Bag / Ziploc Air Cassette SOC Kit Tubes					
500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle		Plastic Bag / Ziploc Air Cassette SOC Kit Tubes Non-ConTest Container					
500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle		Plastic Bag / Ziploc Air Cassette SOC Kit Tubes Non-ConTest Container Other					
500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit		Plastic Bag / Ziploc Air Cassette SOC Kit Tubes Non-ConTest Container Other PM 2.5 / PM 10					
500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore		Plastic Bag / Ziploc Air Cassette SOC Kit Tubes Non-ConTest Container Other PM 2.5 / PM 10 PUF Cartridge					
500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit	# Methanol	Plastic Bag / Ziploc Air Cassette SOC Kit Tubes Non-ConTest Container Other PM 2.5 / PM 10 PUF Cartridge	ime and Date Frozen:				
500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit boratory Comments:	# Methanol # DI Water	Plastic Bag / Ziploc Air Cassette SOC Kit Tubes Non-ConTest Container Other PM 2.5 / PM 10 PUF Cartridge					
500 mL Plastic 250 mL plastic 40 mL Vial - type listed below Colisure / bacteria bottle Dissolved Oxygen bottle Flashpoint bottle Encore Perchlorate Kit boratory Comments:  mL vials: # HCI # Bisulfate		Plastic Bag / Ziploc Air Cassette SOC Kit Tubes Non-ConTest Container Other PM 2.5 / PM 10 PUF Cartridge					



October 19, 2010

Jesse Krawiec Resource Control Associates - RI 474 Broadway Pawtucket, RI 02860

Project Location: 1 Worrell St., Dorchester

Client Job Number: Project Number: A6895A

Laboratory Work Order Number: 10J0381

Holy L. Tolson

Enclosed are results of analyses for samples received by the laboratory on October 12, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom Project Manager



Resource Control Associates - RI REPORT DATE: 10/19/2010

474 Broadway

Pawtucket, RI 02860 PURCHASE ORDER NUMBER: TASK 005

ATTN: Jesse Krawiec

A6895A

PROJECT NUMBER:

#### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10J0381

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 Worrell St., Dorchester

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W-212	10J0381-01	Wipe		SW-846 8082	
W-213	10J0381-02	Wipe		SW-846 8082	
W-214	10J0381-03	Wipe		SW-846 8082	
W-215	10J0381-04	Wipe		SW-846 8082	
W-216	10J0381-05	Wipe		SW-846 8082	
W-217	10J0381-06	Wipe		SW-846 8082	
W-218	10J0381-07	Wipe		SW-846 8082	
W-219	10J0381-08	Wipe		SW-846 8082	



#### CASE NARRATIVE SUMMARY

|--|

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson Laboratory Director Culu



Project Location: 1 Worrell St., Dorchester Sample Description: Work Order: 10J0381

Date Received: 10/12/2010

**Field Sample #: W-212** Sampled: 10/5/2010 18:31

Sample ID: 10J0381-01
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:32	PJG
Aroclor-1221 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:32	PJG
Aroclor-1232 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:32	PJG
Aroclor-1242 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:32	PJG
Aroclor-1248 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:32	PJG
Aroclor-1254 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:32	PJG
Aroclor-1260 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:32	PJG
Aroclor-1262 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:32	PJG
Aroclor-1268 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:32	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				-
Decachlorobiphenyl [1]		98.2	30-150					10/15/10 19:32	
Decachlorobiphenyl [2]		92.6	30-150					10/15/10 19:32	
Tetrachloro-m-xylene [1]		98.7	30-150					10/15/10 19:32	
Tetrachloro-m-xylene [2]		96.1	30-150					10/15/10 19:32	



Project Location: 1 Worrell St., Dorchester Sample Description: Work Order: 10J0381

Date Received: 10/12/2010

**Field Sample #: W-213** Sampled: 10/5/2010 18:57

Sample ID: 10J0381-02
Sample Matrix: Wipe

Polychloringted	Rinhenvle	$\mathbf{R}\mathbf{v}$	CC/FCD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:45	PJG
Aroclor-1221 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:45	PJG
Aroclor-1232 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:45	PJG
Aroclor-1242 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:45	PJG
Aroclor-1248 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:45	PJG
Aroclor-1254 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:45	PJG
Aroclor-1260 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:45	PJG
Aroclor-1262 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:45	PJG
Aroclor-1268 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:45	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		104	30-150					10/15/10 19:45	
Decachlorobiphenyl [2]		98.1	30-150					10/15/10 19:45	
Tetrachloro-m-xylene [1]		107	30-150					10/15/10 19:45	
Tetrachloro-m-xylene [2]		103	30-150					10/15/10 19:45	



Project Location: 1 Worrell St., Dorchester Sample Description: Work Order: 10J0381

Date Received: 10/12/2010

Field Sample #: W-214 Sampled: 10/5/2010 18:14

Sample ID: 10J0381-03
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:59	PJG
Aroclor-1221 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:59	PJG
Aroclor-1232 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:59	PJG
Aroclor-1242 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:59	PJG
Aroclor-1248 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:59	PJG
Aroclor-1254 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:59	PJG
Aroclor-1260 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:59	PJG
Aroclor-1262 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:59	PJG
Aroclor-1268 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 19:59	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				-
Decachlorobiphenyl [1]		105	30-150					10/15/10 19:59	
Decachlorobiphenyl [2]		98.7	30-150					10/15/10 19:59	
Tetrachloro-m-xylene [1]		104	30-150					10/15/10 19:59	
Tetrachloro-m-xylene [2]		104	30-150					10/15/10 19:59	



Project Location: 1 Worrell St., Dorchester Sample Description: Work Order: 10J0381

Date Received: 10/12/2010

**Field Sample #: W-215** Sampled: 10/5/2010 19:07

Sample ID: 10J0381-04
Sample Matrix: Wipe

Amaluta	Results	RL	Units	Dilution	Elag	Method	Date Prepared	Date/Time	Amalwat
Analyte	Results	KL	Units	Dilution	Flag	Method	rrepareu	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:12	PJG
Aroclor-1221 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:12	PJG
Aroclor-1232 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:12	PJG
Aroclor-1242 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:12	PJG
Aroclor-1248 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:12	PJG
Aroclor-1254 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:12	PJG
Aroclor-1260 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:12	PJG
Aroclor-1262 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:12	PJG
Aroclor-1268 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:12	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		102	30-150					10/15/10 20:12	
Decachlorobiphenyl [2]		94.7	30-150					10/15/10 20:12	
Tetrachloro-m-xylene [1]		106	30-150					10/15/10 20:12	
Tetrachloro-m-xylene [2]		104	30-150					10/15/10 20:12	



Project Location: 1 Worrell St., Dorchester Sample Description: Work Order: 10J0381

Date Received: 10/12/2010

**Field Sample #: W-216** Sampled: 10/5/2010 18:09

Sample ID: 10J0381-05
Sample Matrix: Wipe

Polychlorina	4. J D!ll.	D CC/ECD
Polychiorina	rea Binnenvis	BV CvC/F.C.D

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:26	PJG
Aroclor-1221 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:26	PJG
Aroclor-1232 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:26	PJG
Aroclor-1242 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:26	PJG
Aroclor-1248 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:26	PJG
Aroclor-1254 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:26	PJG
Aroclor-1260 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:26	PJG
Aroclor-1262 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:26	PJG
Aroclor-1268 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:26	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		95.3	30-150					10/15/10 20:26	
Decachlorobiphenyl [2]		91.7	30-150					10/15/10 20:26	
Tetrachloro-m-xylene [1]		93.4	30-150					10/15/10 20:26	
Tetrachloro-m-xylene [2]		92.5	30-150					10/15/10 20:26	



Project Location: 1 Worrell St., Dorchester Sample Description: Work Order: 10J0381

Date Received: 10/12/2010

Field Sample #: W-217 Sampled: 10/4/2010 22:08

Sample ID: 10J0381-06
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:39	PJG
Aroclor-1221 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:39	PJG
Aroclor-1232 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:39	PJG
Aroclor-1242 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:39	PJG
Aroclor-1248 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:39	PJG
Aroclor-1254 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:39	PJG
Aroclor-1260 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:39	PJG
Aroclor-1262 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:39	PJG
Aroclor-1268 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 20:39	PJG
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		107	30-150					10/15/10 20:39	
Decachlorobiphenyl [2]		109	30-150					10/15/10 20:39	
Tetrachloro-m-xylene [1]		108	30-150					10/15/10 20:39	
Tetrachloro-m-xylene [2]		105	30-150					10/15/10 20:39	



Project Location: 1 Worrell St., Dorchester Sample Description: Work Order: 10J0381

Date Received: 10/12/2010

**Field Sample #: W-218** Sampled: 10/4/2010 21:57

Sample ID: 10J0381-07
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.16			1 1116		•	•	
Alocioi-1010 [1]	ND	0.16	μg/Wipe	4		SW-846 8082	10/13/10	10/16/10 7:57	PJG
Aroclor-1221 [1]	ND	0.16	μg/Wipe	4		SW-846 8082	10/13/10	10/16/10 7:57	PJG
Aroclor-1232 [1]	ND	0.16	μg/Wipe	4		SW-846 8082	10/13/10	10/16/10 7:57	PJG
Aroclor-1242 [1]	ND	0.16	μg/Wipe	4		SW-846 8082	10/13/10	10/16/10 7:57	PJG
Aroclor-1248 [1]	ND	0.16	μg/Wipe	4		SW-846 8082	10/13/10	10/16/10 7:57	PJG
Aroclor-1254 [1]	0.52	0.16	μg/Wipe	4		SW-846 8082	10/13/10	10/16/10 7:57	PJG
Aroclor-1260 [1]	ND	0.16	μg/Wipe	4		SW-846 8082	10/13/10	10/16/10 7:57	PJG
Aroclor-1262 [1]	ND	0.16	μg/Wipe	4		SW-846 8082	10/13/10	10/16/10 7:57	PJG
Aroclor-1268 [1]	ND	0.16	μg/Wipe	4		SW-846 8082	10/13/10	10/16/10 7:57	PJG
Surrogates		% Recovery	Recovery Limits	6	Flag				
Decachlorobiphenyl [1]		89.5	30-150					10/16/10 7:57	
Decachlorobiphenyl [2]		92.8	30-150					10/16/10 7:57	
Tetrachloro-m-xylene [1]		85.2	30-150					10/16/10 7:57	
Tetrachloro-m-xylene [2]		88.7	30-150					10/16/10 7:57	



Project Location: 1 Worrell St., Dorchester Sample Description: Work Order: 10J0381

Date Received: 10/12/2010

**Field Sample #: W-219** Sampled: 10/4/2010 21:42

Sample ID: 10J0381-08
Sample Matrix: Wipe

Polychlorin:	atad Rinhan	ole Rv	CC/FCD
Polychiorin	ated Bibben	VIS BV	いんがんけん

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 21:07	PJG
Aroclor-1221 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 21:07	PJG
Aroclor-1232 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 21:07	PJG
Aroclor-1242 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 21:07	PJG
Aroclor-1248 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 21:07	PJG
Aroclor-1254 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 21:07	PJG
Aroclor-1260 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 21:07	PJG
Aroclor-1262 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 21:07	PJG
Aroclor-1268 [1]	ND	0.040	μg/Wipe	1		SW-846 8082	10/13/10	10/15/10 21:07	PJG
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		109	30-150					10/15/10 21:07	
Decachlorobiphenyl [2]		108	30-150					10/15/10 21:07	
Tetrachloro-m-xylene [1]		101	30-150					10/15/10 21:07	
Tetrachloro-m-xylene [2]		100	30-150					10/15/10 21:07	



# **Sample Extraction Data**

## Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date	
10J0381-01 [W-212]	B020623	10.0	10.0	10/13/10	
10J0381-02 [W-213]	B020623	10.0	10.0	10/13/10	
10J0381-03 [W-214]	B020623	10.0	10.0	10/13/10	
10J0381-04 [W-215]	B020623	10.0	10.0	10/13/10	
10J0381-05 [W-216]	B020623	10.0	10.0	10/13/10	
10J0381-06 [W-217]	B020623	10.0	10.0	10/13/10	
10J0381-07 [W-218]	B020623	10.0	10.0	10/13/10	
10J0381-08 [W-219]	B020623	10.0	10.0	10/13/10	



## QUALITY CONTROL

## Polychlorinated Biphenyls By GC/ECD - Quality Control

Propert   10   10   10   10   10   10   10   1	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Accolor-1016   ND	Batch B020623 - SW-846 3540C										
Neclor   106   2C    ND	Blank (B020623-BLK1)				Prepared: 10	)/13/10 Anal	yzed: 10/15/	10			
Neclor 1221   ND   0,040   1gWipe   Not conclor 1222   ND   0,040   1gWipe   Not conclor 1232   ND   0,040   1gWipe   Not conclor 1232   ND   0,040   1gWipe   Not conclor 1232   ND   0,040   1gWipe   NOT conclor 1242   ND   0,040   1gWipe   NOT conclor 1248   ND   0,040   1gWipe   NOT conclor 1246   ND   0,040   1gWipe   NOT conclor 1262   ND   0,040   1gWipe   NOT conclor 1263   NOT conclor 1263   ND   0,040   1gWipe   NOT conclor 1264   NOT conclor 1264   ND   0,040   1gWipe   NOT conclor 1265   NOT conclor 1265   ND   0,040   1gWipe   NOT conclor 1265   ND   0,040   1gWipe   NOT conclor 1265   ND   0,040   ND   0,0	Aroclor-1016	ND	0.040	μg/Wipe							
Name	Aroclor-1016 [2C]	ND	0.040	μg/Wipe							
No.	Aroclor-1221	ND	0.040	μg/Wipe							
Nacional   1923   200	Aroclor-1221 [2C]	ND	0.040								
No.	Aroclor-1232	ND	0.040	μg/Wipe							
Non-con-1242 [2C]   ND   0.040   µg-Wipe   Non-con-1248   ND   0.040   µg-Wipe   Non-con-1248   ND   0.040   µg-Wipe   Non-con-1248   ND   0.040   µg-Wipe   Non-con-1254   ND   0.040   µg-Wipe   Non-con-1254   ND   0.040   µg-Wipe   Non-con-1269   ND   0.040   µg-Wipe   Non-con-1260   ND   ND   ND   ND   ND   ND   ND   N	Aroclor-1232 [2C]	ND	0.040	μg/Wipe							
Noclor-1248   ND	Aroclor-1242	ND	0.040	μg/Wipe							
No.   Control   1248   127   ND   0.040   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289   1289	Aroclor-1242 [2C]	ND	0.040	μg/Wipe							
Arcolor-1254 C ND 0.040	Aroclor-1248	ND	0.040	μg/Wipe							
Arcolor-1254 [2C] ND 0.040 µg/Wipe Arcolor-1260 ND 0.040 µg/Wipe Arcolor-1260 ND 0.040 µg/Wipe Arcolor-1262 ND 0.040 µg/Wipe Arcolor-1262 ND 0.040 µg/Wipe Arcolor-1262 ND 0.040 µg/Wipe Arcolor-1262 ND 0.040 µg/Wipe Arcolor-1268 ND 0.040 µg/Wipe Arcolor-1269 ND 0.040 µg/Wipe Arcolor-1269 ND 0.040 µg/Wipe Arcolor-1269 ND 0.040 µg/Wipe Arcolor-1260 ND 0.040 µg/Wipe Arcolor-1260 ND 0.040 ND 0.040 µg/Wipe Arcolor-1260 ND 0.040	Aroclor-1248 [2C]	ND	0.040	μg/Wipe							
Accolor-1260 (C) ND 0.040 µg/Wipe Accolor-1260 (CC) ND 0.040 µg/Wipe Accolor-1260 (CC) ND 0.040 µg/Wipe Accolor-1262 (CC) ND 0.040 µg/Wipe Accolor-1268 (CC) ND 0.0487 µg/Wipe 0.200 93.7 30-150 Accolor-1268 (CC) ND 0.222 µg/Wipe 0.200 111 30-150 Accolor-1260 (CC) ND 0.224 µg/Wipe 0.200 111 30-150 Accolor-1260 (CC) ND 0.044 ND 0.040 µg/Wipe 0.0500 87.6 40-140 Accolor-1260 (CC) ND 0.050 ND 0.044 ND 0.040 µg/Wipe 0.0500 87.6 40-140 Accolor-1260 (CC) ND 0.050 ND	Aroclor-1254										
Accolor-1260 [2C] ND 0.040 µg/Wipe Accolor-1262 ND 0.040 µg/Wipe Accolor-1262 [2C] ND 0.040 µg/Wipe Accolor-1262 [2C] ND 0.040 µg/Wipe Accolor-1268 [2C] ND 0.040 µg/Wipe 0.000 93.7 30-150 Surrogate: Decachlorobiphenyl [2C] 0.187 µg/Wipe 0.200 110 30-150 Surrogate: Tetrachloro-m-xylene 0.222 µg/Wipe 0.200 111 30-150 Surrogate: Tetrachloro-m-xylene 0.222 µg/Wipe 0.000 93.7 30-150 Surrogate: Tetrachloro-m-xylene 0.224 µg/Wipe 0.000 91.07 30-150 Surrogate: Tetrachloro-m-xylene 0.224 µg/Wipe 0.000 91.07 30-150 Surrogate: Tetrachloro-m-xylene 0.024 0.044 0.040 µg/Wipe 0.0500 95.6 40-140 Surrogate: Decachlorobiphenyl 0.050 0.044 0.040 µg/Wipe 0.0500 95.6 40-140 Surrogate: Decachlorobiphenyl 0.050 0.044 0.040 µg/Wipe 0.0500 96.5 40-140 Surrogate: Decachlorobiphenyl 0.048 0.040 µg/Wipe 0.0500 96.5 40-140 Surrogate: Decachlorobiphenyl 0.050 0.044 0.040 µg/Wipe 0.0500 96.5 40-140 Surrogate: Decachlorobiphenyl 0.050 0.050 96.5 40-140 Surrogate: Decachlorobiphenyl 0.050 0.0500 96.5 40-140 Surrogate: Decachlorobiphenyl 0.050 0.0500 96.5 40-140 Surrogate: Decachlorobiphenyl 0.0500 97.0 97.0 97.0 97.0 97.0 97.0 97.0 97	Aroclor-1254 [2C]										
Arcolor-1262   ND	Aroclor-1260	ND	0.040								
Arcolor-1262 [2C] ND 0.040 µg/Wipe Arcolor-1268 ND 0.040 µg/Wipe Arcolor-1268 ND 0.040 µg/Wipe Arcolor-1268 ND 0.040 µg/Wipe Arcolor-1268 [2C] ND 0.040 µg/Wipe 0.200 100 30-150 Surrogate: Decachlorobiphenyl [2C] 0.187 µg/Wipe 0.200 111 30-150 Surrogate: Tetrachloro-m-xylene 0.222 µg/Wipe 0.200 117 30-150 Surrogate: Tetrachloro-m-xylene [2C] 0.214 µg/Wipe 0.200 107 30-150 Surrogate: Tetrachloro-m-xylene [2C] 0.214 µg/Wipe 0.200 107 30-150 Surrogate: Decachlorobiphenyl [2C] 0.044 0.040 µg/Wipe 0.0500 87.6 40-140 Arcolor-1016 [2C] 0.050 0.044 0.040 µg/Wipe 0.0500 99.0 40-140 Arcolor-1260 [2C] 0.048 0.048 µg/Wipe 0.0500 99.0 40-140 Arcolor-1260 [2C] 0.048 0.048 µg/Wipe 0.0500 99.0 40-140 Arcolor-1260 [2C] 0.050  99.0 40-140 Arcolor-1260 [2C] 0.050  99.0 40-140 Arcolor-1260 [2C] 0.043 0.040 µg/Wipe 0.0500 86.1 40-140 13.4 30 Arcolor-1260 [2C] 0.043 0.040 µg/Wipe 0.0500 86.1 40-140 13.9 30 Arcolor-1260 [2C] 0.043 0.040 µg/Wipe 0.0500 86.1 40-140 13.9 30 Arcolor-1260 [2C] 0.038 0.040 µg/Wipe 0.0500 86.1 40-140 13.9 30 Arcolor-1260 [2C] 0.038 0.040 µg/Wipe 0.0500 76.4 40-140 13.9 30 Arcolor-1260 [2C] 0.038 0.040 µg/Wipe 0.0500 76.4 40-140 13.9 30 Arcolor-1260 [2C] 0.038 0.040 µg/Wipe 0.0500 76.4 40-140 13.9 30 Arcolor-1260 [2C] 0.038 0.040 µg/Wipe 0.0500 76.4 40-140 16.5 30 Arcolor-1260 [2C] 0.044 µg/Wipe 0.0500 76.4 40-140 16.5 30 Arcolor-1260 [2C	Aroclor-1260 [2C]	ND	0.040	μg/Wipe							
ND	Aroclor-1262	ND	0.040	μg/Wipe							
ND   0.040   µg/Wipe   0.200   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100   30-150   100	Aroclor-1262 [2C]	ND	0.040	μg/Wipe							
Surrogate: Decachlorobiphenyl   0.201	Aroclor-1268	ND	0.040	μg/Wipe							
Surrogate: Decachlorobiphenyl [2C]   0.187   µg/Wipe   0.200   93.7   30-150	Aroclor-1268 [2C]	ND	0.040	μg/Wipe							
Surrogate: Tetrachloro-m-xylene   0.222   µg/Wipe   0.200   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111   30-150   111	Surrogate: Decachlorobiphenyl			$\mu g/Wipe$							
Surrogate: Tetrachloro-m-xylene [2C]   0.214   µg/Wipe   0.200   107   30-150	Surrogate: Decachlorobiphenyl [2C]	0.187			0.200		93.7				
Prepared: 10/13/10   Analyzed: 10/15/10	Surrogate: Tetrachloro-m-xylene										
Arcolor-1016	Surrogate: Tetrachloro-m-xylene [2C]	0.214		μg/Wipe	0.200		107	30-150			
Arcolor-1016 [2C] 0.050 0.040 µg/Wipe 0.0500 99.0 40-140 Arcolor-1260 0.048 0.040 µg/Wipe 0.0500 96.5 40-140 Arcolor-1260 [2C] 0.044 0.040 µg/Wipe 0.0500 89.0 40-140  Surrogate: Decachlorobiphenyl [2C] 0.175 µg/Wipe 0.200 87.4 30-150 Surrogate: Tetrachloro-m-xylene [2C] 0.183 µg/Wipe 0.200 91.5 30-150  Arcolor-1016 [2C] 0.043 0.040 µg/Wipe 0.0500 86.1 40-140 13.4 30  Arcolor-1016 [2C] 0.043 0.040 µg/Wipe 0.0500 86.1 40-140 13.9 30  Arcolor-1260 [2C] 0.043 0.040 µg/Wipe 0.0500 86.1 40-140 13.9 30  Arcolor-1260 [2C] 0.038 0.040 µg/Wipe 0.0500 86.1 40-140 13.9 30  Arcolor-1260 [2C] 0.038 0.040 µg/Wipe 0.0500 86.1 40-140 17.0 30  Arcolor-1260 [2C] 0.038 0.040 µg/Wipe 0.0500 75.4 40-140 16.5 30  Surrogate: Decachlorobiphenyl [2C] 0.038 0.040 µg/Wipe 0.0500 76.4 30-150  Surrogate: Decachlorobiphenyl [2C] 0.144 µg/Wipe 0.200 76.4 30-150  Surrogate: Tetrachloro-m-xylene 0.161 µg/Wipe 0.200 72.1 30-150  Surrogate: Tetrachloro-m-xylene 0.161 µg/Wipe 0.200 80.5 30-150	LCS (B020623-BS1)				Prepared: 10	)/13/10 Anal	yzed: 10/15/	10			
Arcolor-1260 0.048 0.040 µg/Wipe 0.0500 96.5 40-140 Arcolor-1260 [2C] 0.044 0.040 µg/Wipe 0.0500 89.0 40-140  Surrogate: Decachlorobiphenyl 0.188 µg/Wipe 0.200 93.8 30-150 Surrogate: Decachlorobiphenyl [2C] 0.175 µg/Wipe 0.200 87.4 30-150 Surrogate: Tetrachloro-m-xylene 0.189 µg/Wipe 0.200 94.7 30-150 Surrogate: Tetrachloro-m-xylene [2C] 0.183 µg/Wipe 0.200 91.5 30-150  **CS Dup (B020623-BSD1) ***  **Prepared: 10/13/10 Analyzed: 10/15/10**  **Arcolor-1016 0.038 0.040 µg/Wipe 0.0500 76.6 40-140 13.4 30 Arcolor-1016 [2C] 0.043 0.040 µg/Wipe 0.0500 86.1 40-140 13.9 30 Arcolor-1260 [2C] 0.041 0.040 µg/Wipe 0.0500 81.4 40-140 17.0 30 Arcolor-1260 [2C] 0.038 0.040 µg/Wipe 0.0500 75.4 40-140 16.5 30  **Surrogate: Decachlorobiphenyl 0.153 µg/Wipe 0.200 76.4 30-150 Surrogate: Decachlorobiphenyl [2C] 0.144 µg/Wipe 0.200 72.1 30-150 Surrogate: Tetrachloro-m-xylene 0.161 µg/Wipe 0.200 80.5 30-150	Aroclor-1016	0.044	0.040	μg/Wipe	0.0500		87.6	40-140			
Aroclor-1260 [2C] 0.044 0.040 μg/Wipe 0.0500 89.0 40-140  Surrogate: Decachlorobiphenyl 0.188 μg/Wipe 0.200 93.8 30-150  Surrogate: Decachlorobiphenyl [2C] 0.175 μg/Wipe 0.200 87.4 30-150  Surrogate: Tetrachloro-m-xylene 0.189 μg/Wipe 0.200 94.7 30-150  Surrogate: Tetrachloro-m-xylene [2C] 0.183 μg/Wipe 0.200 91.5 30-150  CCS Dup (B020623-BSD1) Prepared: 10/13/10 Analyzed: 10/15/10  Aroclor-1016 Ω038 0.040 μg/Wipe 0.0500 76.6 40-140 13.4 30  Aroclor-1016 [2C] 0.043 0.040 μg/Wipe 0.0500 86.1 40-140 13.9 30  Aroclor-1260 0.041 0.040 μg/Wipe 0.0500 81.4 40-140 17.0 30  Aroclor-1260 [2C] 0.038 0.040 μg/Wipe 0.0500 75.4 40-140 16.5 30  Surrogate: Decachlorobiphenyl [2C] 0.144 μg/Wipe 0.200 72.1 30-150  Surrogate: Decachloro-m-xylene 0.161 μg/Wipe 0.200 80.5 30-150	Aroclor-1016 [2C]	0.050	0.040	μg/Wipe	0.0500		99.0	40-140			
Surrogate: Decachlorobiphenyl   0.188	Aroclor-1260	0.048	0.040	μg/Wipe	0.0500		96.5	40-140			
Surrogate: Decachlorobiphenyl [2C] 0.175 μg/Wipe 0.200 87.4 30-150 Surrogate: Tetrachloro-m-xylene 0.189 μg/Wipe 0.200 94.7 30-150 Surrogate: Tetrachloro-m-xylene [2C] 0.183 μg/Wipe 0.200 91.5 30-150 Surrogate: Tetrachloro-m-xylene [2C] 0.183 μg/Wipe 0.200 91.5 30-150 Surrogate: Tetrachloro-m-xylene [2C] 0.183 μg/Wipe 0.0500 76.6 40-140 13.4 30 Aroclor-1016 [2C] 0.043 0.040 μg/Wipe 0.0500 86.1 40-140 13.9 30 Aroclor-1260 0.041 0.040 μg/Wipe 0.0500 81.4 40-140 17.0 30 Aroclor-1260 [2C] 0.038 0.040 μg/Wipe 0.0500 75.4 40-140 16.5 30 Surrogate: Decachlorobiphenyl 0.153 μg/Wipe 0.200 76.4 30-150 Surrogate: Decachlorobiphenyl [2C] 0.144 μg/Wipe 0.200 72.1 30-150 Surrogate: Tetrachloro-m-xylene 0.161 μg/Wipe 0.200 80.5 30-150	Aroclor-1260 [2C]	0.044	0.040	μg/Wipe	0.0500		89.0	40-140			
Surrogate: Tetrachloro-m-xylene	Surrogate: Decachlorobiphenyl	0.188		μg/Wipe	0.200		93.8	30-150			
Description	Surrogate: Decachlorobiphenyl [2C]	0.175		$\mu g/Wipe$	0.200		87.4	30-150			
Prepared: 10/13/10   Analyzed: 10/15/10     Arcolor-1016   0.038   0.040   μg/Wipe   0.0500   76.6   40-140   13.4   30     Arcolor-1016 [2C]   0.043   0.040   μg/Wipe   0.0500   86.1   40-140   13.9   30     Arcolor-1260   0.041   0.040   μg/Wipe   0.0500   81.4   40-140   17.0   30     Arcolor-1260 [2C]   0.038   0.040   μg/Wipe   0.0500   75.4   40-140   16.5   30     Arcolor-1260 [2C]   0.153   μg/Wipe   0.200   76.4   30-150     Surrogate: Decachlorobiphenyl   2C]   0.144   μg/Wipe   0.200   72.1   30-150     Surrogate: Tetrachloro-m-xylene   0.161   μg/Wipe   0.200   80.5   30-150     Arcolor-1260 [2C]   0.161   0.161   μg/Wipe   0.200   80.5   30-150     Arcolor-1260 [2C]   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0.161   0	Surrogate: Tetrachloro-m-xylene	0.189		$\mu g/Wipe$	0.200		94.7	30-150			
Aroclor-1016 0.038 0.040 μg/Wipe 0.0500 76.6 40-140 13.4 30 Aroclor-1016 [2C] 0.043 0.040 μg/Wipe 0.0500 86.1 40-140 13.9 30 Aroclor-1260 0.041 0.040 μg/Wipe 0.0500 81.4 40-140 17.0 30 Aroclor-1260 [2C] 0.038 0.040 μg/Wipe 0.0500 75.4 40-140 16.5 30 Surrogate: Decachlorobiphenyl 0.153 μg/Wipe 0.200 76.4 30-150 Surrogate: Decachlorobiphenyl [2C] 0.144 μg/Wipe 0.200 72.1 30-150 Surrogate: Tetrachloro-m-xylene 0.161 μg/Wipe 0.200 80.5 30-150	Surrogate: Tetrachloro-m-xylene [2C]	0.183		μg/Wipe	0.200		91.5	30-150			
Aroclor-1016 [2C] 0.043 0.040 μg/Wipe 0.0500 86.1 40-140 13.9 30 Aroclor-1260 0.041 0.040 μg/Wipe 0.0500 81.4 40-140 17.0 30 Aroclor-1260 [2C] 0.038 0.040 μg/Wipe 0.0500 75.4 40-140 16.5 30 Surrogate: Decachlorobiphenyl 0.153 μg/Wipe 0.200 76.4 30-150 Surrogate: Decachlorobiphenyl [2C] 0.144 μg/Wipe 0.200 72.1 30-150 Surrogate: Tetrachloro-m-xylene 0.161 μg/Wipe 0.200 80.5 30-150	LCS Dup (B020623-BSD1)				Prepared: 10	)/13/10 Anal	yzed: 10/15/	10			
Aroclor-1260 0.041 0.040 μg/Wipe 0.0500 81.4 40-140 17.0 30 Aroclor-1260 [2C] 0.038 0.040 μg/Wipe 0.0500 75.4 40-140 16.5 30  Surrogate: Decachlorobiphenyl 0.153 μg/Wipe 0.200 76.4 30-150  Surrogate: Decachlorobiphenyl [2C] 0.144 μg/Wipe 0.200 72.1 30-150  Surrogate: Tetrachloro-m-xylene 0.161 μg/Wipe 0.200 80.5 30-150	Aroclor-1016	0.038	0.040	μg/Wipe	0.0500		76.6	40-140	13.4	30	
Aroclor-1260 [2C] 0.038 0.040 μg/Wipe 0.0500 75.4 40-140 16.5 30  Surrogate: Decachlorobiphenyl 0.153 μg/Wipe 0.200 76.4 30-150  Surrogate: Decachlorobiphenyl [2C] 0.144 μg/Wipe 0.200 72.1 30-150  Surrogate: Tetrachloro-m-xylene 0.161 μg/Wipe 0.200 80.5 30-150	Aroclor-1016 [2C]		0.040		0.0500		86.1	40-140	13.9	30	
Surrogate: Decachlorobiphenyl       0.153       μg/Wipe       0.200       76.4       30-150         Surrogate: Decachlorobiphenyl [2C]       0.144       μg/Wipe       0.200       72.1       30-150         Surrogate: Tetrachloro-m-xylene       0.161       μg/Wipe       0.200       80.5       30-150	Aroclor-1260	0.041	0.040	μg/Wipe	0.0500		81.4	40-140	17.0	30	
Surrogate: Decachlorobiphenyl [2C]       0.144       μg/Wipe       0.200       72.1       30-150         Surrogate: Tetrachloro-m-xylene       0.161       μg/Wipe       0.200       80.5       30-150	Aroclor-1260 [2C]	0.038	0.040	μg/Wipe	0.0500		75.4	40-140	16.5	30	
Surrogate: Tetrachloro-m-xylene $0.161$ µg/Wipe $0.200$ $80.5$ $30-150$	Surrogate: Decachlorobiphenyl	0.153	·	μg/Wipe	0.200		76.4	30-150			·
	Surrogate: Decachlorobiphenyl [2C]	0.144		$\mu g/Wipe$	0.200		72.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C] 0.156 μg/Wipe 0.200 78.0 30-150	Surrogate: Tetrachloro-m-xylene	0.161		$\mu g/Wipe$	0.200		80.5	30-150			
	Surrogate: Tetrachloro-m-xylene [2C]	0.156		$\mu g/Wipe$	0.200		78.0	30-150			



## FLAG/QUALIFIER SUMMARY

- QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.



## CERTIFICATIONS

## Certified Analyses included in this Report

**Analyte** Certifications

No certified Analyses included in this Report

 $The \ CON-TEST \ Environmental \ Laboratory \ operates \ under \ the \ following \ certifications \ and \ accreditations:$ 

Code	Description	Number	Expires
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CT	Connecticut Department of Publilc Health	PH-0567	09/30/2011
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NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2010
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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Date/Time: 10/16/16 1855

□ [†]72-Hr □ [†]4-Day

**NELAC & AIHA Certified** WBE/DBE Certified

www.contestlabs.com



# Sample Receipt Checklist

39 Spruce St. East Longmeadow, MA. 01028

> P: 413-525-2332 F: 413-525-6405

2) Does the chain agree with the If not, explain:	samples?		Yes	) No	
3) Are all the samples in good co-	ondition?		Yes	No	
4) How were the samples receive	ed:				
On Ice Direct from Sa	ampling 🔲	Ambient	t 🔲 In Co	oler(s)	
Were the samples received in Te	mperature Compli	iance of (2-	6°C)? (Yes	No N/	4
Temperature °C by Temp blank	2.000	Tempera	ature °C by Temp	gun	····
5) Are there Dissolved samples for	or the lab to filter?	,	Yes	(No)	
Who was notified	Date	Tim	ıe		
6) Are there any samples "On Hol			Yes	(No Store	ed where:
7) Are there any RUSH or SHORT	HOLDING TIME s	amples?	Yes	Mo)	-
Who was notified		•			
3) Location where samples are st	arad.			subcontract	samples? Yes No
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Co	ntainers re	ceived	at Con-Te	st	
	# of containers				# of containers
1 Liter Amber			8 oz amber/cl	ear jar	
500 mL Amber			4 oz amber/cle	ear jar	8
250 mL Amber (8oz amber)		<b>-</b>	2 oz amber/cle	ear jar	
1 Liter Plastic			Other glass		
500 mL Plastic			Plastic Bag / 2		
250 mL plastic	777		Air Casset		
40 mL Vial - type listed below		+	SOC Kit		
Colisure / bacteria bottle  Dissolved Oxygen bottle	77-77-103/Abases		Tubes		
Flashpoint bottle		-	Non-ConTest Co	ntainer	
Encore			Other	10	
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December 7, 2010

Jesse Krawiec Resource Control Associates - MA 318 Bear Hill Road, Suite 4A Waltham, MA 02451

Project Location: 1 Worrell St, Dorchester, MA

Client Job Number: Project Number: A6895

Laboratory Work Order Number: 10L0015

Holy L. Tolson

Enclosed are results of analyses for samples received by the laboratory on November 30, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom Project Manager



Resource Control Associates - MA REPORT DATE: 12/7/2010

318 Bear Hill Road, Suite 4A Waltham, MA 02451

ATTN: Jesse Krawiec

PURCHASE ORDER NUMBER: Task 001

PROJECT NUMBER: A6895

#### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0015

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 Worrell St, Dorchester, MA

FIELD SAMPLE#	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W-220	10L0015-01	Wipe		SW-846 8082	
W-221	10L0015-02	Wipe		SW-846 8082	
W-222	10L0015-03	Wipe		SW-846 8082	



#### CASE NARRATIVE SUMMARY

A.	Il reported results are	within defined	laboratory quality	y control objectives	s unless listed belo	w or otherwise quali	fied in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the

best of my knowledge and belief, accurate and complete.

Daren J. Damboragian Laboratory Manager



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 10L0015

Date Received: 11/30/2010

Field Sample #: W-220 Sampled: 11/23/2010 16:47

Sample ID: 10L0015-01
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:30	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:30	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:30	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:30	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:30	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:30	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:30	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:30	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:30	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		94.7	30-150					12/3/10 21:30	
Decachlorobiphenyl [2]		90.7	30-150					12/3/10 21:30	
Tetrachloro-m-xylene [1]		105	30-150					12/3/10 21:30	
Tetrachloro-m-xylene [2]		103	30-150					12/3/10 21:30	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 10L0015

Date Received: 11/30/2010

**Field Sample #: W-221** Sampled: 11/23/2010 16:58

Sample ID: 10L0015-02
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:43	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:43	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:43	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:43	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:43	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:43	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:43	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:43	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:43	PJG
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		96.3	30-150					12/3/10 21:43	
Decachlorobiphenyl [2]		94.0	30-150					12/3/10 21:43	
Tetrachloro-m-xylene [1]		94.5	30-150					12/3/10 21:43	
Tetrachloro-m-xylene [2]		93.8	30-150					12/3/10 21:43	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 10L0015

Date Received: 11/30/2010

**Field Sample #: W-222** Sampled: 11/23/2010 16:53

Sample ID: 10L0015-03
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:57	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:57	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:57	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:57	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:57	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:57	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:57	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:57	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/2/10	12/3/10 21:57	PJG
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		90.2	30-150					12/3/10 21:57	
Decachlorobiphenyl [2]		88.9	30-150					12/3/10 21:57	
Tetrachloro-m-xylene [1]		102	30-150					12/3/10 21:57	
Tetrachloro-m-xylene [2]		102	30-150					12/3/10 21:57	



# **Sample Extraction Data**

## Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
10L0015-01 [W-220]	B023122	1.00	10.0	12/02/10
10L0015-02 [W-221]	B023122	1.00	10.0	12/02/10
10L0015-03 [W-222]	B023122	1.00	10.0	12/02/10



## QUALITY CONTROL

## Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B023122 - SW-846 3540C										
Blank (B023122-BLK1)				Prepared: 12	2/02/10 Anal	yzed: 12/03/	10			
Aroclor-1016	ND	0.20	μg/Wipe							
Aroclor-1016 [2C]	ND	0.20	μg/Wipe							
Aroclor-1221	ND	0.20	μg/Wipe							
Aroclor-1221 [2C]	ND	0.20	μg/Wipe							
Aroclor-1232	ND	0.20	μg/Wipe							
Aroclor-1232 [2C]	ND	0.20	μg/Wipe							
Aroclor-1242	ND	0.20	μg/Wipe							
Aroclor-1242 [2C]	ND	0.20	μg/Wipe							
Aroclor-1248	ND	0.20	μg/Wipe							
Aroclor-1248 [2C]	ND	0.20	μg/Wipe							
Aroclor-1254	ND	0.20	μg/Wipe							
Aroclor-1254 [2C]	ND	0.20	μg/Wipe							
Aroclor-1260	ND	0.20	μg/Wipe							
Aroclor-1260 [2C]	ND	0.20	μg/Wipe							
Aroclor-1262	ND	0.20	μg/Wipe							
Aroclor-1262 [2C]	ND	0.20	μg/Wipe							
Aroclor-1268	ND	0.20	μg/Wipe							
Aroclor-1268 [2C]	ND	0.20	μg/Wipe							
Surrogate: Decachlorobiphenyl	2.22		$\mu g/Wipe$	2.00		111	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.12		μg/Wipe	2.00		106	30-150			
Surrogate: Tetrachloro-m-xylene	2.41		μg/Wipe	2.00		120	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.33		μg/Wipe	2.00		117	30-150			
LCS (B023122-BS1)				Prepared: 12	2/02/10 Anal	yzed: 12/03/	10			
Aroclor-1016	0.58	0.20	μg/Wipe	0.500		117	40-140			
Aroclor-1016 [2C]	0.59	0.20	μg/Wipe	0.500		119	40-140			
Aroclor-1260	0.53	0.20	μg/Wipe	0.500		106	40-140			
Aroclor-1260 [2C]	0.51	0.20	μg/Wipe	0.500		102	40-140			
Surrogate: Decachlorobiphenyl	2.01		μg/Wipe	2.00		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.91		μg/Wipe	2.00		95.3	30-150			
Surrogate: Tetrachloro-m-xylene	2.23		μg/Wipe	2.00		111	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.16		μg/Wipe	2.00		108	30-150			
LCS Dup (B023122-BSD1)				Prepared: 12	2/02/10 Anal	yzed: 12/03/	10			
Aroclor-1016	0.63	0.20	μg/Wipe	0.500		125	40-140	6.97	30	
Aroclor-1016 [2C]	0.64	0.20	μg/Wipe	0.500		128	40-140	7.59	30	
Aroclor-1260	0.56	0.20	$\mu g/Wipe$	0.500		111	40-140	5.20	30	
Aroclor-1260 [2C]	0.51	0.20	μg/Wipe	0.500		102	40-140	0.500	30	
Surrogate: Decachlorobiphenyl	2.18		μg/Wipe	2.00		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.06		$\mu g/Wipe$	2.00		103	30-150			
Surrogate: Tetrachloro-m-xylene	2.15		$\mu g/Wipe$	2.00		108	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.08		$\mu g/Wipe$	2.00		104	30-150			



## FLAG/QUALIFIER SUMMARY

- * QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.



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NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2010
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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Fax: 413-525-6405

Phone: 413-525-2332

Email: info@contestlabs.com www.contestlabs.com

1010015

Telephone: (401) 728-6860

AL8957

Project Location: | WORRELL ST., DORCHESTED, MA

Sampled By.

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Email: Fax#

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Format:

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Con-Test Lab ID

Client Sample ID / Description

Beginning Date/Time 123/10 1230

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Composite Grab

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11/23/10

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O yes

Project Proposal Provided? (for billing purposes)

proposal date

Attention:

MASSA KAPILIN

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02860

DATA DELIVERY (check all that apply)

O FAX SEMAIL SWEBSITE

Client PO# Project #

TANK SOM

Address:

THE RECEDENCE

CHAIN OF CUSTODY RECORD

39 Spruce Street

East long neadow, MA 0102

	A = air S = soil/solid \$L = sludge	may be nigh in concentration in Matrix Conc. Code Box:  H - High: M - Medium: L - Low: C - Clean: 11 - Physics.	•
₩at	<b>DW</b> ≈ drinking wate	Please use the following codes to let Con-Testiknow if a specific sample	סד
ate.	WW= groundwater		i
-	*Matrix Code:		
			1
316	O = Other Make		- 1
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Received by: (signature) Relinquished by: (signature) Received by: (signature) Relinguished by: (signature) Date/Time: Date/Time: Date/Time: Date/Time 129 0820 30110 Require lab approval T2-Hr T4-Day ☐ [†]24-Hr ☐ [†]48-Hr Turnaround T RUSH † 10-Day Other 5 VIAN 7-Day Massachusetts: Connecticut: **Detection Limit Requirements** IS YOUR PROJECT MCP OF RCP ? O MA State DW Form Required PWSID# O RCP Analysis Certification Form Required MCP Analytical Certification Form Required AHIV A NELAC & AIHA Certified O = other ルルル

Comments:

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PUREN SECTION BYCHOS であっていいから

H - High; M - Medium; L - Low; C - Clean; U - Unknown

COMPLETELY OR IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED TURNAROUND TIME (business days) STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. F THIS FORM IS NOT FILLED OUT WBE/DBE Certified

Officer:

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www.contestlabs.com



# Sample Receipt Checklist

39 Spruce St. East Longmeadow, MA. 01028

P: 413-525-2332 F: 413-525-6405

CLIENT NAME: Resource	Controls	_ RECEIVED BY: 🔼 B	DATE: 11 30/10
1) Was the chain(s) of custody re	elinquished and sig	ned? Yes N	lo
2) Does the chain agree with the	samples?	(Yes) N	lo
If not, explain:	-		
3) Are all the samples in good co	ndition?	Yes N	O
4) How were the samples receive	d:		,
On Ice  Direct from Sa	ampling 🗌	Ambient In Cooler(s	s) []
Were the samples received in Te	mperature Complia	nce of (2-6°C)? Yes N	o N/A
Temperature °C by Temp blank	3 000	_Temperature °C by Temp gun	
5) Are there Dissolved samples for	or the lab to filter?	Yes (N	
Who was notified	Date	Time	
6) Are there any samples "On Hol	d"?	Yes (No	Stored where:
7) Are there any RUSH or SHORT	HOLDING TIME sa	mples? Yes No	<u> </u>
Who was notified		•	
8) Location where samples are st	a wa al-		contract samples? Yes No
oy Ecodition which c samples are sa	orea: (9	1 1	•
			ly) if not already approved
		Client Signature:	
Co	ntainers red	ceived at Con-Test	
	# of containers		# of containers
1 Liter Amber		8 oz amber/clear ja	
500 mL Amber		4 oz amber clear ja	ar 3
250 mL Amber (8oz amber)		2 oz amber/clear ja	ar
1 Liter Plastic		Other glass jar	
500 mL Plastic		Plastic Bag / Ziplod	
250 mL plastic		Air Cassette	
40 mL Vial - type listed below		SOC Kit	
Colisure / bacteria bottle		Tubes	
Dissolved Oxygen bottle		Non-ConTest Contain	ner
Fleshpeint bettle		- Oiliner	
Encore		PM 2.5 / PM 10	
Perchlorate Kit aboratory Comments:		PUF Cartridge	
aboratory Comments.			
mL vials: # HCI	# Methanol		Time and Date Frozen:
# Bisulfate	# DI Water		
# Thiosulfate			
all samples have the proper Acid		N/A	
	e pH: Yes No (	N/A)	



January 5, 2011

Jesse Krawiec Resource Control Associates - RI 474 Broadway Pawtucket, RI 02860

Project Location: A6895A - 1 Worrell St., Dorchester, MA

Client Job Number: Project Number: A6895

Laboratory Work Order Number: 10L0777

Holy L. Tolson

Enclosed are results of analyses for samples received by the laboratory on December 28, 2010. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom Project Manager



Resource Control Associates - RI

474 Broadway

Pawtucket, RI 02860 PURCHASE ORDER NUMBER:

ATTN: Jesse Krawiec

A6895

PROJECT NUMBER:

#### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0777

task 005

REPORT DATE: 1/5/2011

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: A6895A - 1 Worrell St., Dorchester, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W-301	10L0777-01	Wipe		SW-846 8082	
W-302	10L0777-02	Wipe		SW-846 8082	
W-303	10L0777-03	Wipe		SW-846 8082	
W-304	10L0777-04	Wipe		SW-846 8082	
W-305	10L0777-05	Wipe		SW-846 8082	
W-306	10L0777-06	Wipe		SW-846 8082	
W-307	10L0777-07	Wipe		SW-846 8082	
W-308	10L0777-08	Wipe		SW-846 8082	
W-309	10L0777-09	Wipe		SW-846 8082	
W-310	10L0777-10	Wipe		SW-846 8082	
W-311	10L0777-11	Wipe		SW-846 8082	
W-312	10L0777-12	Wipe		SW-846 8082	
W-313	10L0777-13	Wipe		SW-846 8082	
W-314	10L0777-14	Wipe		SW-846 8082	
W-315	10L0777-15	Wipe		SW-846 8082	
W-316	10L0777-16	Wipe		SW-846 8082	
W-317	10L0777-17	Wipe		SW-846 8082	
W-318	10L0777-18	Wipe		SW-846 8082	
W-319	10L0777-19	Wipe		SW-846 8082	
W-320	10L0777-20	Wipe		SW-846 8082	
W-321	10L0777-21	Wipe		SW-846 8082	
W-322	10L0777-22	Wipe		SW-846 8082	
W-323	10L0777-23	Wipe		SW-846 8082	
W-324	10L0777-24	Wipe		SW-846 8082	
W-325	10L0777-25	Wipe		SW-846 8082	
W-326	10L0777-26	Wipe		SW-846 8082	
W-327	10L0777-27	Wipe		SW-846 8082	
W-328	10L0777-28	Wipe		SW-846 8082	
W-329	10L0777-29	Wipe		SW-846 8082	
W-330	10L0777-30	Wipe		SW-846 8082	
W-331	10L0777-31	Wipe		SW-846 8082	
W-332	10L0777-32	Wipe		SW-846 8082	
W-333	10L0777-33	Wipe		SW-846 8082	
W-334	10L0777-34	Wipe		SW-846 8082	
W-335	10L0777-35	Wipe		SW-846 8082	
W-336	10L0777-36	Wipe		SW-846 8082	
W-337	10L0777-37	Wipe		SW-846 8082	
W-338	10L0777-38	Wipe		SW-846 8082	
W-339	10L0777-39	Wipe		SW-846 8082	
W-340	10L0777-40	Wipe		SW-846 8082	
W-341	10L0777-41	Wipe		SW-846 8082	



Resource Control Associates - RI REPORT DATE: 1/5/2011

474 Broadway

Pawtucket, RI 02860 PURCHASE ORDER NUMBER: task 005

ATTN: Jesse Krawiec

PROJECT NUMBER: A6895

#### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 10L0777

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: A6895A - 1 Worrell St., Dorchester, MA

I	FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
	W-342	10L0777-42	Wipe		SW-846 8082	
1	W-343	10L0777-43	Wipe		SW-846 8082	
1	W-344	10L0777-44	Wipe		SW-846 8082	
1	W-345	10L0777-45	Wipe		SW-846 8082	
1	W-346	10L0777-46	Wipe		SW-846 8082	
1	W-347	10L0777-47	Wipe		SW-846 8082	
1	W-348	10L0777-48	Wipe		SW-846 8082	
1	W-349	10L0777-49	Wipe		SW-846 8082	
1	W-350	10L0777-50	Wipe		SW-846 8082	
1	W-351	10L0777-51	Wipe		SW-846 8082	
1	W-352	10L0777-52	Wipe		SW-846 8082	
1	W-353	10L0777-53	Wipe		SW-846 8082	
1	W-354	10L0777-54	Wipe		SW-846 8082	
1	W-355	10L0777-55	Wipe		SW-846 8082	
1	W-356	10L0777-56	Wipe		SW-846 8082	
1	W-357	10L0777-57	Wipe		SW-846 8082	
1	W-358	10L0777-58	Wipe		SW-846 8082	
1	W-359	10L0777-59	Wipe		SW-846 8082	
1	W-360	10L0777-60	Wipe		SW-846 8082	
I	DUP-1	10L0777-61	Wipe		SW-846 8082	
I	DUP-2	10L0777-62	Wipe		SW-846 8082	
I	DUP-3	10L0777-63	Wipe		SW-846 8082	
I	Blank-1	10L0777-64	Wipe		SW-846 8082	
I	Blank-2	10L0777-65	Wipe		SW-846 8082	
I	Blank-3	10L0777-66	Wipe		SW-846 8082	



#### CASE NARRATIVE SUMMARY

ΑI	1 reported	i results ar	e within	defined	laboratory	quality	control	objectives	unless	listed	below	or othe	erwise	qualified	in this r	eport.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Michael A. Erickson Laboratory Director Culu



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-301** Sampled: 12/22/2010 09:36

Sample ID: 10L0777-01
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:28	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:28	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:28	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:28	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:28	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:28	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:28	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:28	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:28	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		68.0	30-150					12/31/10 11:28	
Decachlorobiphenyl [2]		67.3	30-150					12/31/10 11:28	
Tetrachloro-m-xylene [1]		36.6	30-150					12/31/10 11:28	
Tetrachloro-m-xylene [2]		39.6	30-150					12/31/10 11:28	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-302 Sampled: 12/22/2010 07:54

Sample ID: 10L0777-02
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:42	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:42	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:42	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:42	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:42	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:42	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:42	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:42	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:42	PJG
Surrogates		% Recovery	Recovery Limit	ts	Flag				
Decachlorobiphenyl [1]		96.4	30-150					12/31/10 11:42	
Decachlorobiphenyl [2]		94.3	30-150					12/31/10 11:42	
Tetrachloro-m-xylene [1]		104	30-150					12/31/10 11:42	
Tetrachloro-m-xylene [2]		104	30-150					12/31/10 11:42	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-303 Sampled: 12/22/2010 07:55

Sample ID: 10L0777-03
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:55	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:55	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:55	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:55	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:55	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:55	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:55	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:55	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:55	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				-
Decachlorobiphenyl [1]		108	30-150					12/31/10 11:55	
Decachlorobiphenyl [2]		106	30-150					12/31/10 11:55	
Tetrachloro-m-xylene [1]		105	30-150					12/31/10 11:55	
Tetrachloro-m-xylene [2]		104	30-150					12/31/10 11:55	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-304 Sampled: 12/22/2010 08:56

Sample ID: 10L0777-04
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:09	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:09	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:09	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:09	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:09	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:09	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:09	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:09	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:09	PJG
Surrogates		% Recovery	Recovery Limit	ts	Flag				
Decachlorobiphenyl [1]		89.3	30-150					12/31/10 12:09	
Decachlorobiphenyl [2]		91.8	30-150					12/31/10 12:09	
Tetrachloro-m-xylene [1]		91.9	30-150					12/31/10 12:09	
Tetrachloro-m-xylene [2]		92.8	30-150					12/31/10 12:09	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-305** Sampled: 12/22/2010 09:35

Sample ID: 10L0777-05
Sample Matrix: Wipe

Polychloringted	Rinhenvle	$\mathbf{R}\mathbf{v}$	CC/FCD

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:22	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:22	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:22	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:22	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:22	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:22	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:22	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:22	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:22	PJG
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		100	30-150					12/31/10 12:22	
Decachlorobiphenyl [2]		106	30-150					12/31/10 12:22	
Tetrachloro-m-xylene [1]		108	30-150					12/31/10 12:22	
Tetrachloro-m-xylene [2]		108	30-150					12/31/10 12:22	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-306** Sampled: 12/22/2010 07:36

Sample ID: 10L0777-06
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
· · · · · · · · · · · · · · · · · · ·				Dilution	riag			•	
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:36	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:36	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:36	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:36	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:36	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:36	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:36	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:36	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:36	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		98.4	30-150					12/31/10 12:36	
Decachlorobiphenyl [2]		95.7	30-150					12/31/10 12:36	
Tetrachloro-m-xylene [1]		103	30-150					12/31/10 12:36	
Tetrachloro-m-xylene [2]		103	30-150					12/31/10 12:36	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-307** Sampled: 12/22/2010 08:15

Sample ID: 10L0777-07
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		92.2	30-150					12/31/10 12:49	
Decachlorobiphenyl [2]		93.5	30-150					12/31/10 12:49	
Tetrachloro-m-xylene [1]		97.9	30-150					12/31/10 12:49	
Tetrachloro-m-xylene [2]		98.1	30-150					12/31/10 12:49	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-308 Sampled: 12/22/2010 08:48

Sample ID: 10L0777-08
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:03	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:03	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:03	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:03	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:03	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:03	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:03	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:03	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:03	PJG
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		95.5	30-150					12/31/10 13:03	
Decachlorobiphenyl [2]		93.2	30-150					12/31/10 13:03	
Tetrachloro-m-xylene [1]		102	30-150					12/31/10 13:03	
Tetrachloro-m-xylene [2]		102	30-150					12/31/10 13:03	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-309** Sampled: 12/22/2010 09:26

Sample ID: 10L0777-09
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:16	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:16	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:16	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:16	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:16	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:16	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:16	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:16	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:16	PJG
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		99.0	30-150					12/31/10 13:16	
Decachlorobiphenyl [2]		97.4	30-150					12/31/10 13:16	
Tetrachloro-m-xylene [1]		99.4	30-150					12/31/10 13:16	
Tetrachloro-m-xylene [2]		101	30-150					12/31/10 13:16	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-310 Sampled: 12/22/2010 09:58

Sample ID: 10L0777-10
Sample Matrix: Wipe

Polychle	ringted	Rinhanyle	By CC/FCD

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:10	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:10	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:10	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:10	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:10	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:10	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:10	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:10	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:10	PJG
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		90.1	30-150					12/31/10 14:10	
Decachlorobiphenyl [2]		89.4	30-150					12/31/10 14:10	
Tetrachloro-m-xylene [1]		104	30-150					12/31/10 14:10	
Tetrachloro-m-xylene [2]		104	30-150					12/31/10 14:10	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-311** Sampled: 12/22/2010 07:42

Sample ID: 10L0777-11
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:24	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:24	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:24	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:24	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:24	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:24	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:24	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:24	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:24	PJG
Surrogates		% Recovery	Recovery Limits	3	Flag				
Decachlorobiphenyl [1]		108	30-150					12/31/10 14:24	
Decachlorobiphenyl [2]		105	30-150					12/31/10 14:24	
Tetrachloro-m-xylene [1]		109	30-150					12/31/10 14:24	
Tetrachloro-m-xylene [2]		108	30-150					12/31/10 14:24	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-312 Sampled: 12/22/2010 11:41

Sample ID: 10L0777-12
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:37	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:37	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:37	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:37	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:37	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:37	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:37	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:37	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:37	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		100	30-150					12/31/10 14:37	
Decachlorobiphenyl [2]		106	30-150					12/31/10 14:37	
Tetrachloro-m-xylene [1]		102	30-150					12/31/10 14:37	
Tetrachloro-m-xylene [2]		103	30-150					12/31/10 14:37	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-313 Sampled: 12/22/2010 12:02

Sample ID: 10L0777-13
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:51	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:51	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:51	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:51	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:51	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:51	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:51	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:51	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:51	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		94.2	30-150					12/31/10 14:51	
Decachlorobiphenyl [2]		93.5	30-150					12/31/10 14:51	
Tetrachloro-m-xylene [1]		106	30-150					12/31/10 14:51	
Tetrachloro-m-xylene [2]		107	30-150					12/31/10 14:51	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-314 Sampled: 12/22/2010 12:04

Sample ID: 10L0777-14
Sample Matrix: Wipe

Polych	larinated	Rinhenvle	Rv CC/ECD

			•						
							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:04	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:04	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:04	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:04	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:04	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:04	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:04	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:04	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:04	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		102	30-150					12/31/10 15:04	
Decachlorobiphenyl [2]		104	30-150					12/31/10 15:04	
Tetrachloro-m-xylene [1]		100	30-150					12/31/10 15:04	
Tetrachloro-m-xylene [2]		101	30-150					12/31/10 15:04	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-315** Sampled: 12/22/2010 11:42

Sample ID: 10L0777-15
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:18	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:18	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:18	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:18	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:18	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:18	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:18	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:18	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:18	PJG
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		101	30-150					12/31/10 15:18	
Decachlorobiphenyl [2]		104	30-150					12/31/10 15:18	
Tetrachloro-m-xylene [1]		106	30-150					12/31/10 15:18	
Tetrachloro-m-xylene [2]		107	30-150					12/31/10 15:18	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-316 Sampled: 12/22/2010 12:06

Sample ID: 10L0777-16
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:31	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:31	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:31	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:31	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:31	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:31	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:31	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:31	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:31	PJG
Surrogates		% Recovery	Recovery Limit	ts	Flag				
Decachlorobiphenyl [1]		85.9	30-150					12/31/10 15:31	
Decachlorobiphenyl [2]		84.8	30-150					12/31/10 15:31	
Tetrachloro-m-xylene [1]		38.8	30-150					12/31/10 15:31	
Tetrachloro-m-xylene [2]		40.6	30-150					12/31/10 15:31	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-317** Sampled: 12/22/2010 08:17

Sample ID: 10L0777-17
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	PJG
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		97.6	30-150					12/31/10 15:45	
Decachlorobiphenyl [2]		97.3	30-150					12/31/10 15:45	
Tetrachloro-m-xylene [1]		101	30-150					12/31/10 15:45	
Tetrachloro-m-xylene [2]		102	30-150					12/31/10 15:45	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-318** Sampled: 12/22/2010 12:25

Sample ID: 10L0777-18
Sample Matrix: Wipe

Polych	larinatad	Rinhanyle	By CC/FCD

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:58	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:58	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:58	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:58	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:58	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:58	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:58	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:58	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:58	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		98.9	30-150					12/31/10 15:58	
Decachlorobiphenyl [2]		96.4	30-150					12/31/10 15:58	
Tetrachloro-m-xylene [1]		101	30-150					12/31/10 15:58	
Tetrachloro-m-xylene [2]		102	30-150					12/31/10 15:58	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-319** Sampled: 12/22/2010 08:21

Sample ID: 10L0777-19
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:12	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:12	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:12	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:12	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:12	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:12	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:12	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:12	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:12	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		101	30-150					12/31/10 16:12	
Decachlorobiphenyl [2]		102	30-150					12/31/10 16:12	
Tetrachloro-m-xylene [1]		105	30-150					12/31/10 16:12	
Tetrachloro-m-xylene [2]		106	30-150					12/31/10 16:12	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-320 Sampled: 12/22/2010 08:49

Sample ID: 10L0777-20
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:25	PJG
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:25	PJG
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:25	PJG
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:25	PJG
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:25	PJG
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:25	PJG
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:25	PJG
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:25	PJG
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:25	PJG
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		88.1	30-150					12/31/10 16:25	
Decachlorobiphenyl [2]		88.3	30-150					12/31/10 16:25	
Tetrachloro-m-xylene [1]		99.6	30-150					12/31/10 16:25	
Tetrachloro-m-xylene [2]		100	30-150					12/31/10 16:25	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-321** Sampled: 12/22/2010 09:25

Sample ID: 10L0777-21
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:36	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:36	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:36	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:36	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:36	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:36	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:36	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:36	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:36	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		95.5	30-150					12/31/10 11:36	
Decachlorobiphenyl [2]		106	30-150					12/31/10 11:36	
Tetrachloro-m-xylene [1]		99.2	30-150					12/31/10 11:36	
Tetrachloro-m-xylene [2]		101	30-150					12/31/10 11:36	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-322 Sampled: 12/22/2010 10:09

Sample ID: 10L0777-22
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:51	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:51	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:51	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:51	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:51	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:51	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:51	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:51	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 11:51	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		94.9	30-150					12/31/10 11:51	
Decachlorobiphenyl [2]		107	30-150					12/31/10 11:51	
Tetrachloro-m-xylene [1]		99.1	30-150					12/31/10 11:51	
Tetrachloro-m-xylene [2]		102	30-150					12/31/10 11:51	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-323 Sampled: 12/22/2010 10:47

Sample ID: 10L0777-23
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:06	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:06	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:06	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:06	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:06	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:06	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:06	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:06	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:06	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		94.4	30-150					12/31/10 12:06	
Decachlorobiphenyl [2]		105	30-150					12/31/10 12:06	
Tetrachloro-m-xylene [1]		95.9	30-150					12/31/10 12:06	
Tetrachloro-m-xylene [2]		98.0	30-150					12/31/10 12:06	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-324** Sampled: 12/22/2010 07:40

Sample ID: 10L0777-24
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:20	JMB
Aroclor-1221 [1]	ND			1					
Alocioi-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:20	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:20	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:20	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:20	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:20	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:20	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:20	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:20	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		95.1	30-150					12/31/10 12:20	
Decachlorobiphenyl [2]		106	30-150					12/31/10 12:20	
Tetrachloro-m-xylene [1]		100	30-150					12/31/10 12:20	
Tetrachloro-m-xylene [2]		103	30-150					12/31/10 12:20	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-325** Sampled: 12/22/2010 07:50

Sample ID: 10L0777-25
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:35	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:35	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:35	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:35	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:35	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:35	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:35	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:35	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:35	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		93.8	30-150					12/31/10 12:35	
Decachlorobiphenyl [2]		105	30-150					12/31/10 12:35	
Tetrachloro-m-xylene [1]		99.0	30-150					12/31/10 12:35	
Tetrachloro-m-xylene [2]		102	30-150					12/31/10 12:35	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-326** Sampled: 12/22/2010 07:58

Sample ID: 10L0777-26
Sample Matrix: Wipe

Dolyoh	larinated	Dinhanyla	By GC/ECD
Polycn	iorinated	i Bibhenvis	BV GC/ECD

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 12:49	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		96.6	30-150					12/31/10 12:49	
Decachlorobiphenyl [2]		106	30-150					12/31/10 12:49	
Tetrachloro-m-xylene [1]		96.8	30-150					12/31/10 12:49	
Tetrachloro-m-xylene [2]		98.2	30-150					12/31/10 12:49	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-327 Sampled: 12/22/2010 11:47

Sample ID: 10L0777-27
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:04	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:04	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:04	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:04	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:04	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:04	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:04	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:04	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:04	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		93.6	30-150					12/31/10 13:04	
Decachlorobiphenyl [2]		106	30-150					12/31/10 13:04	
Tetrachloro-m-xylene [1]		96.7	30-150					12/31/10 13:04	
Tetrachloro-m-xylene [2]		100	30-150					12/31/10 13:04	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-328** Sampled: 12/22/2010 11:52

Sample ID: 10L0777-28
Sample Matrix: Wipe

Polychlorinated	Rinhanyle	By CC/FCD
roivemormated	i didhenvis	DV GC/ECD

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:18	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:18	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:18	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:18	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:18	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:18	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:18	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:18	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:18	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		96.0	30-150					12/31/10 13:18	
Decachlorobiphenyl [2]		109	30-150					12/31/10 13:18	
Tetrachloro-m-xylene [1]		98.9	30-150					12/31/10 13:18	
Tetrachloro-m-xylene [2]		102	30-150					12/31/10 13:18	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-329 Sampled: 12/22/2010 09:09

Sample ID: 10L0777-29
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:33	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:33	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:33	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:33	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:33	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:33	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:33	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:33	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 13:33	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		89.6	30-150					12/31/10 13:33	
Decachlorobiphenyl [2]		101	30-150					12/31/10 13:33	
Tetrachloro-m-xylene [1]		94.1	30-150					12/31/10 13:33	
Tetrachloro-m-xylene [2]		96.6	30-150					12/31/10 13:33	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-330** Sampled: 12/22/2010 09:39

Sample ID: 10L0777-30
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:32	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:32	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:32	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:32	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:32	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:32	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:32	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:32	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:32	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		93.6	30-150					12/31/10 14:32	
Decachlorobiphenyl [2]		105	30-150					12/31/10 14:32	
Tetrachloro-m-xylene [1]		100	30-150					12/31/10 14:32	
Tetrachloro-m-xylene [2]		101	30-150					12/31/10 14:32	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-331 Sampled: 12/22/2010 10:02

Sample ID: 10L0777-31
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:46	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:46	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:46	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:46	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:46	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:46	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:46	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:46	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 14:46	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		99.5	30-150					12/31/10 14:46	
Decachlorobiphenyl [2]		107	30-150					12/31/10 14:46	
Tetrachloro-m-xylene [1]		102	30-150					12/31/10 14:46	
Tetrachloro-m-xylene [2]		104	30-150					12/31/10 14:46	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-332** Sampled: 12/22/2010 12:10

Sample ID: 10L0777-32
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:01	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:01	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:01	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:01	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:01	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:01	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:01	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:01	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:01	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		97.1	30-150					12/31/10 15:01	
Decachlorobiphenyl [2]		111	30-150					12/31/10 15:01	
Tetrachloro-m-xylene [1]		102	30-150					12/31/10 15:01	
Tetrachloro-m-xylene [2]		108	30-150					12/31/10 15:01	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-333** Sampled: 12/22/2010 12:12

Sample ID: 10L0777-33
Sample Matrix: Wipe

Polychi	arinated	Rinhenvle	Pv.	CC/FCD

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:15	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:15	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:15	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:15	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:15	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:15	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:15	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:15	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:15	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		94.2	30-150					12/31/10 15:15	
Decachlorobiphenyl [2]		105	30-150					12/31/10 15:15	
Tetrachloro-m-xylene [1]		96.2	30-150					12/31/10 15:15	
Tetrachloro-m-xylene [2]		99.6	30-150					12/31/10 15:15	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-334** Sampled: 12/22/2010 11:55

Sample ID: 10L0777-34
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:30	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:30	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:30	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:30	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:30	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:30	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:30	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:30	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:30	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		92.2	30-150					12/31/10 15:30	
Decachlorobiphenyl [2]		111	30-150					12/31/10 15:30	
Tetrachloro-m-xylene [1]		97.0	30-150					12/31/10 15:30	
Tetrachloro-m-xylene [2]		101	30-150					12/31/10 15:30	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-335 Sampled: 12/22/2010 12:14

Sample ID: 10L0777-35
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:45	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				-
Decachlorobiphenyl [1]		95.2	30-150					12/31/10 15:45	
Decachlorobiphenyl [2]		108	30-150					12/31/10 15:45	
Tetrachloro-m-xylene [1]		98.4	30-150					12/31/10 15:45	
Tetrachloro-m-xylene [2]		101	30-150					12/31/10 15:45	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-336** Sampled: 12/22/2010 11:18

Sample ID: 10L0777-36
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
				Dilution	riag		•	•	
Aroclor-1016 [1]	ND	0.20	μg/Wipe	I		SW-846 8082	12/29/10	12/31/10 15:59	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:59	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:59	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:59	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:59	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:59	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:59	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:59	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 15:59	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		90.2	30-150					12/31/10 15:59	
Decachlorobiphenyl [2]		107	30-150					12/31/10 15:59	
Tetrachloro-m-xylene [1]		98.6	30-150					12/31/10 15:59	
Tetrachloro-m-xylene [2]		98.4	30-150					12/31/10 15:59	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-337** Sampled: 12/22/2010 08:12

Sample ID: 10L0777-37
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:14	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:14	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:14	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:14	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:14	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:14	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:14	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:14	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:14	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		90.6	30-150					12/31/10 16:14	
Decachlorobiphenyl [2]		102	30-150					12/31/10 16:14	
Tetrachloro-m-xylene [1]		93.3	30-150					12/31/10 16:14	
Tetrachloro-m-xylene [2]		98.3	30-150					12/31/10 16:14	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-338** Sampled: 12/22/2010 08:30

Sample ID: 10L0777-38
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:29	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:29	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:29	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:29	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:29	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:29	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:29	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:29	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:29	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		93.4	30-150					12/31/10 16:29	
Decachlorobiphenyl [2]		106	30-150					12/31/10 16:29	
Tetrachloro-m-xylene [1]		94.0	30-150					12/31/10 16:29	
Tetrachloro-m-xylene [2]		94.3	30-150					12/31/10 16:29	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-339** Sampled: 12/22/2010 09:08

Sample ID: 10L0777-39
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:44	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:44	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:44	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:44	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:44	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:44	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:44	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:44	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:44	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		89.9	30-150					12/31/10 16:44	
Decachlorobiphenyl [2]		101	30-150					12/31/10 16:44	
Tetrachloro-m-xylene [1]		89.9	30-150					12/31/10 16:44	
Tetrachloro-m-xylene [2]		92.2	30-150					12/31/10 16:44	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-340** Sampled: 12/22/2010 09:16

Sample ID: 10L0777-40
Sample Matrix: Wipe

Dolyahl	lawinatad	Dinhanula	By GC/ECD	
Polychi	iorinated	i Bibhenvis	BV GC/ECD	,

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:58	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:58	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:58	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:58	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:58	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:58	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:58	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:58	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/29/10	12/31/10 16:58	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		91.0	30-150					12/31/10 16:58	
Decachlorobiphenyl [2]		101	30-150					12/31/10 16:58	
Tetrachloro-m-xylene [1]		95.5	30-150					12/31/10 16:58	
Tetrachloro-m-xylene [2]		97.0	30-150					12/31/10 16:58	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-341** Sampled: 12/22/2010 09:47

Sample ID: 10L0777-41
Sample Matrix: Wipe

Polychle	ringted	Rinhanyle	By CC/FCD

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:17	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:17	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:17	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:17	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:17	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:17	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:17	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:17	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:17	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		108	30-150					1/4/11 15:17	
Decachlorobiphenyl [2]		92.6	30-150					1/4/11 15:17	
Tetrachloro-m-xylene [1]		100	30-150					1/4/11 15:17	
Tetrachloro-m-xylene [2]		96.9	30-150					1/4/11 15:17	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-342** Sampled: 12/22/2010 09:40

Sample ID: 10L0777-42
Sample Matrix: Wipe

Polychlorinated Biphenyls By GC/ECD				
	Polych	larinated	Rinhenvle	Ry CC/FCD

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:31	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:31	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:31	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:31	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:31	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:31	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:31	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:31	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:31	JMB
Surrogates		% Recovery	Recovery Limit	ts	Flag				
Decachlorobiphenyl [1]		93.0	30-150					1/4/11 15:31	
Decachlorobiphenyl [2]		80.9	30-150					1/4/11 15:31	
Tetrachloro-m-xylene [1]		97.3	30-150					1/4/11 15:31	
Tetrachloro-m-xylene [2]		94.7	30-150					1/4/11 15:31	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-343** Sampled: 12/22/2010 09:54

Sample ID: 10L0777-43
Sample Matrix: Wipe

Polychlorinated	<b>Biphenyls</b>	By	GC/ECD
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							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:44	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:44	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:44	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:44	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:44	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:44	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:44	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:44	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:44	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		98.5	30-150					1/4/11 15:44	
Decachlorobiphenyl [2]		88.8	30-150					1/4/11 15:44	
Tetrachloro-m-xylene [1]		101	30-150					1/4/11 15:44	
Tetrachloro-m-xylene [2]		99.4	30-150					1/4/11 15:44	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-344 Sampled: 12/22/2010 10:51

Sample ID: 10L0777-44
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND			1 1	1 1115		•	•	
Alocioi-1010 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:58	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:58	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:58	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:58	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:58	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:58	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:58	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:58	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 15:58	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		102	30-150					1/4/11 15:58	
Decachlorobiphenyl [2]		88.8	30-150					1/4/11 15:58	
Tetrachloro-m-xylene [1]		103	30-150					1/4/11 15:58	
Tetrachloro-m-xylene [2]		100	30-150					1/4/11 15:58	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-345** Sampled: 12/22/2010 10:59

Sample ID: 10L0777-45
Sample Matrix: Wipe

Polych	larinatad	Rinhanyle	By CC/FCD

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:11	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:11	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:11	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:11	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:11	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:11	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:11	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:11	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:11	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		100	30-150					1/4/11 16:11	
Decachlorobiphenyl [2]		89.0	30-150					1/4/11 16:11	
Tetrachloro-m-xylene [1]		70.3	30-150					1/4/11 16:11	
Tetrachloro-m-xylene [2]		69.6	30-150					1/4/11 16:11	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-346** Sampled: 12/22/2010 07:23

Sample ID: 10L0777-46
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:25	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:25	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:25	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:25	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:25	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:25	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:25	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:25	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:25	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		90.3	30-150					1/4/11 16:25	
Decachlorobiphenyl [2]		79.2	30-150					1/4/11 16:25	
Tetrachloro-m-xylene [1]		85.7	30-150					1/4/11 16:25	
Tetrachloro-m-xylene [2]		84.1	30-150					1/4/11 16:25	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-347 Sampled: 12/22/2010 07:49

Sample ID: 10L0777-47
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:38	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:38	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:38	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:38	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:38	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:38	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:38	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:38	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:38	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		104	30-150					1/4/11 16:38	
Decachlorobiphenyl [2]		90.9	30-150					1/4/11 16:38	
Tetrachloro-m-xylene [1]		105	30-150					1/4/11 16:38	
Tetrachloro-m-xylene [2]		102	30-150					1/4/11 16:38	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-348 Sampled: 12/22/2010 07:59

Sample ID: 10L0777-48
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND			1 1	1 11119		•	•	
Alocioi-1010 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:52	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:52	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:52	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:52	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:52	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:52	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:52	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:52	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 16:52	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		86.4	30-150					1/4/11 16:52	
Decachlorobiphenyl [2]		77.1	30-150					1/4/11 16:52	
Tetrachloro-m-xylene [1]		96.8	30-150					1/4/11 16:52	
Tetrachloro-m-xylene [2]		95.6	30-150					1/4/11 16:52	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-349** Sampled: 12/22/2010 08:11

Sample ID: 10L0777-49
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:05	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:05	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:05	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:05	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:05	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:05	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:05	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:05	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:05	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		85.4	30-150					1/4/11 17:05	
Decachlorobiphenyl [2]		85.9	30-150					1/4/11 17:05	
Tetrachloro-m-xylene [1]		86.5	30-150					1/4/11 17:05	
Tetrachloro-m-xylene [2]		86.3	30-150					1/4/11 17:05	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-350 Sampled: 12/22/2010 08:31

Sample ID: 10L0777-50
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
	Results	KL	Units	Dilution	riag	Method	Trepareu	Aliaiyzeu	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:59	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:59	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:59	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:59	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:59	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:59	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:59	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:59	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 17:59	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		102	30-150					1/4/11 17:59	
Decachlorobiphenyl [2]		97.8	30-150					1/4/11 17:59	
Tetrachloro-m-xylene [1]		108	30-150					1/4/11 17:59	
Tetrachloro-m-xylene [2]		105	30-150					1/4/11 17:59	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-351** Sampled: 12/22/2010 09:06

Sample ID: 10L0777-51
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:13	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:13	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:13	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:13	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:13	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:13	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:13	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:13	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:13	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		107	30-150					1/4/11 18:13	
Decachlorobiphenyl [2]		102	30-150					1/4/11 18:13	
Tetrachloro-m-xylene [1]		103	30-150					1/4/11 18:13	
Tetrachloro-m-xylene [2]		101	30-150					1/4/11 18:13	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-352** Sampled: 12/22/2010 09:17

Sample ID: 10L0777-52
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:26	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:26	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:26	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:26	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:26	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:26	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:26	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:26	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:26	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		102	30-150					1/4/11 18:26	
Decachlorobiphenyl [2]		97.0	30-150					1/4/11 18:26	
Tetrachloro-m-xylene [1]		104	30-150					1/4/11 18:26	
Tetrachloro-m-xylene [2]		101	30-150					1/4/11 18:26	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-353 Sampled: 12/22/2010 09:46

Sample ID: 10L0777-53
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:40	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:40	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:40	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:40	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:40	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:40	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:40	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:40	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:40	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		107	30-150					1/4/11 18:40	
Decachlorobiphenyl [2]		104	30-150					1/4/11 18:40	
Tetrachloro-m-xylene [1]		97.3	30-150					1/4/11 18:40	
Tetrachloro-m-xylene [2]		94.9	30-150					1/4/11 18:40	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-354** Sampled: 12/22/2010 09:53

Sample ID: 10L0777-54
Sample Matrix: Wipe

Polychle	ringtad	Rinhanyle	By CC/FCD

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:53	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:53	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:53	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:53	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:53	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:53	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:53	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:53	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 18:53	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		107	30-150					1/4/11 18:53	
Decachlorobiphenyl [2]		96.1	30-150					1/4/11 18:53	
Tetrachloro-m-xylene [1]		110	30-150					1/4/11 18:53	
Tetrachloro-m-xylene [2]		106	30-150					1/4/11 18:53	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-355 Sampled: 12/22/2010 10:49

Sample ID: 10L0777-55
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:07	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:07	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:07	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:07	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:07	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:07	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:07	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:07	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:07	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		100	30-150					1/4/11 19:07	
Decachlorobiphenyl [2]		89.2	30-150					1/4/11 19:07	
Tetrachloro-m-xylene [1]		96.2	30-150					1/4/11 19:07	
Tetrachloro-m-xylene [2]		95.0	30-150					1/4/11 19:07	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-356** Sampled: 12/22/2010 10:58

Sample ID: 10L0777-56
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:20	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:20	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:20	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:20	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:20	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:20	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:20	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:20	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:20	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		110	30-150					1/4/11 19:20	
Decachlorobiphenyl [2]		96.2	30-150					1/4/11 19:20	
Tetrachloro-m-xylene [1]		109	30-150					1/4/11 19:20	
Tetrachloro-m-xylene [2]		108	30-150					1/4/11 19:20	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: W-357 Sampled: 12/22/2010 07:21

Sample ID: 10L0777-57
Sample Matrix: Wipe

Dalwahlawinatad	Dinhanvla	D 4	CC/ECD

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:34	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:34	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:34	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:34	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:34	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:34	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:34	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:34	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:34	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		99.8	30-150					1/4/11 19:34	
Decachlorobiphenyl [2]		95.8	30-150					1/4/11 19:34	
Tetrachloro-m-xylene [1]		97.8	30-150					1/4/11 19:34	
Tetrachloro-m-xylene [2]		95.7	30-150					1/4/11 19:34	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-358** Sampled: 12/22/2010 08:03

Sample ID: 10L0777-58
Sample Matrix: Wipe

Polych	larinatad	Rinhanyle	By CC/FCD

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:47	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:47	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:47	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:47	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:47	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:47	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:47	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:47	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 19:47	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		104	30-150					1/4/11 19:47	
Decachlorobiphenyl [2]		104	30-150					1/4/11 19:47	
Tetrachloro-m-xylene [1]		106	30-150					1/4/11 19:47	
Tetrachloro-m-xylene [2]		104	30-150					1/4/11 19:47	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-359** Sampled: 12/22/2010 11:58

Sample ID: 10L0777-59
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:01	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:01	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:01	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:01	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:01	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:01	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:01	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:01	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:01	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		100	30-150					1/4/11 20:01	
Decachlorobiphenyl [2]		89.5	30-150					1/4/11 20:01	
Tetrachloro-m-xylene [1]		106	30-150					1/4/11 20:01	
Tetrachloro-m-xylene [2]		104	30-150					1/4/11 20:01	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: W-360** Sampled: 12/22/2010 11:19

Sample ID: 10L0777-60
Sample Matrix: Wipe

Polychlorinated	Biphenyls	By	GC/ECD
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							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:14	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:14	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:14	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:14	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:14	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:14	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:14	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:14	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 20:14	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		102	30-150					1/4/11 20:14	
Decachlorobiphenyl [2]		90.6	30-150					1/4/11 20:14	
Tetrachloro-m-xylene [1]		92.4	30-150					1/4/11 20:14	
Tetrachloro-m-xylene [2]		90.4	30-150					1/4/11 20:14	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: DUP-1 Sampled: 12/22/2010 00:00

Sample ID: 10L0777-61
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]				1 1	1 1115		•	•	
Alocioi-1010 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:40	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:40	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:40	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:40	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:40	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:40	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:40	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:40	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:40	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		101	30-150					1/4/11 22:40	
Decachlorobiphenyl [2]		92.7	30-150					1/4/11 22:40	
Tetrachloro-m-xylene [1]		98.6	30-150					1/4/11 22:40	
Tetrachloro-m-xylene [2]		92.0	30-150					1/4/11 22:40	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: DUP-2** Sampled: 12/22/2010 00:00

Sample ID: 10L0777-62
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:55	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:55	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:55	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:55	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:55	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:55	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:55	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:55	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 22:55	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		99.4	30-150					1/4/11 22:55	
Decachlorobiphenyl [2]		91.4	30-150					1/4/11 22:55	
Tetrachloro-m-xylene [1]		100	30-150					1/4/11 22:55	
Tetrachloro-m-xylene [2]		93.0	30-150					1/4/11 22:55	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: DUP-3 Sampled: 12/22/2010 00:00

Sample ID: 10L0777-63
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1	g	SW-846 8082	12/30/10	1/4/11 23:10	JMB
				1					
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:10	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:10	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:10	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:10	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:10	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:10	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:10	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:10	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		115	30-150					1/4/11 23:10	
Decachlorobiphenyl [2]		106	30-150					1/4/11 23:10	
Tetrachloro-m-xylene [1]		109	30-150					1/4/11 23:10	
Tetrachloro-m-xylene [2]		102	30-150					1/4/11 23:10	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: Blank-1** Sampled: 12/22/2010 00:00

Sample ID: 10L0777-64
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:26	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:26	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:26	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:26	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:26	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:26	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:26	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:26	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:26	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		101	30-150					1/4/11 23:26	
Decachlorobiphenyl [2]		92.6	30-150					1/4/11 23:26	
Tetrachloro-m-xylene [1]		101	30-150					1/4/11 23:26	
Tetrachloro-m-xylene [2]		96.1	30-150					1/4/11 23:26	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

Field Sample #: Blank-2 Sampled: 12/22/2010 00:00

Sample ID: 10L0777-65
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:41	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:41	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:41	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:41	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:41	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:41	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:41	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:41	JMB
Aroclor-1268 [1]	ND	0.20	$\mu g/Wipe$	1		SW-846 8082	12/30/10	1/4/11 23:41	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		102	30-150					1/4/11 23:41	
Decachlorobiphenyl [2]		94.2	30-150					1/4/11 23:41	
Tetrachloro-m-xylene [1]		105	30-150					1/4/11 23:41	
Tetrachloro-m-xylene [2]		100	30-150					1/4/11 23:41	



Project Location: A6895A - 1 Worrell St., Dorchest Sample Description: Work Order: 10L0777

Date Received: 12/28/2010

**Field Sample #: Blank-3** Sampled: 12/22/2010 00:00

Sample ID: 10L0777-66
Sample Matrix: Wipe

Polychle	ringtad	Rinhanyle	By CC/FCD

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:57	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:57	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:57	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:57	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:57	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:57	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:57	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:57	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082	12/30/10	1/4/11 23:57	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		102	30-150					1/4/11 23:57	
Decachlorobiphenyl [2]		94.5	30-150					1/4/11 23:57	
Tetrachloro-m-xylene [1]		102	30-150					1/4/11 23:57	
Tetrachloro-m-xylene [2]		95.4	30-150					1/4/11 23:57	



# **Sample Extraction Data**

## Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
10L0777-01 [W-301]	B024329	1.00	10.0	12/29/10
10L0777-02 [W-302]	B024329	1.00	10.0	12/29/10
10L0777-03 [W-303]	B024329	1.00	10.0	12/29/10
10L0777-04 [W-304]	B024329	1.00	10.0	12/29/10
10L0777-05 [W-305]	B024329	1.00	10.0	12/29/10
10L0777-06 [W-306]	B024329	1.00	10.0	12/29/10
10L0777-07 [W-307]	B024329	1.00	10.0	12/29/10
10L0777-08 [W-308]	B024329	1.00	10.0	12/29/10
10L0777-09 [W-309]	B024329	1.00	10.0	12/29/10
10L0777-10 [W-310]	B024329	1.00	10.0	12/29/10
10L0777-11 [W-311]	B024329	1.00	10.0	12/29/10
10L0777-12 [W-312]	B024329	1.00	10.0	12/29/10
10L0777-13 [W-313]	B024329	1.00	10.0	12/29/10
10L0777-14 [W-314]	B024329	1.00	10.0	12/29/10
10L0777-15 [W-315]	B024329	1.00	10.0	12/29/10
10L0777-16 [W-316]	B024329	1.00	10.0	12/29/10
10L0777-17 [W-317]	B024329	1.00	10.0	12/29/10
10L0777-18 [W-318]	B024329	1.00	10.0	12/29/10
10L0777-19 [W-319]	B024329	1.00	10.0	12/29/10
10L0777-20 [W-320]	B024329	1.00	10.0	12/29/10

#### Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date	
10L0777-21 [W-321]	B024338	1.00	10.0	12/29/10	
10L0777-22 [W-322]	B024338	1.00	10.0	12/29/10	
10L0777-23 [W-323]	B024338	1.00	10.0	12/29/10	
10L0777-24 [W-324]	B024338	1.00	10.0	12/29/10	
10L0777-25 [W-325]	B024338	1.00	10.0	12/29/10	
10L0777-26 [W-326]	B024338	1.00	10.0	12/29/10	
10L0777-27 [W-327]	B024338	1.00	10.0	12/29/10	
10L0777-28 [W-328]	B024338	1.00	10.0	12/29/10	
10L0777-29 [W-329]	B024338	1.00	10.0	12/29/10	
10L0777-30 [W-330]	B024338	1.00	10.0	12/29/10	
10L0777-31 [W-331]	B024338	1.00	10.0	12/29/10	
10L0777-32 [W-332]	B024338	1.00	10.0	12/29/10	
10L0777-33 [W-333]	B024338	1.00	10.0	12/29/10	
10L0777-34 [W-334]	B024338	1.00	10.0	12/29/10	
10L0777-35 [W-335]	B024338	1.00	10.0	12/29/10	
10L0777-36 [W-336]	B024338	1.00	10.0	12/29/10	
10L0777-37 [W-337]	B024338	1.00	10.0	12/29/10	
10L0777-38 [W-338]	B024338	1.00	10.0	12/29/10	
10L0777-39 [W-339]	B024338	1.00	10.0	12/29/10	
0L0777-40 [W-340]	B024338	1.00	10.0	12/29/10	

#### Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date	
10L0777-41 [W-341]	B024387	1.00	10.0	12/30/10	
10L0777-42 [W-342]	B024387	1.00	10.0	12/30/10	
10L0777-43 [W-343]	B024387	1.00	10.0	12/30/10	
10L0777-44 [W-344]	B024387	1.00	10.0	12/30/10	
10L0777-45 [W-345]	B024387	1.00	10.0	12/30/10	



# Sample Extraction Data

# Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date	
10L0777-46 [W-346]	B024387	1.00	10.0	12/30/10	
10L0777-47 [W-347]	B024387	1.00	10.0	12/30/10	
10L0777-48 [W-348]	B024387	1.00	10.0	12/30/10	
10L0777-49 [W-349]	B024387	1.00	10.0	12/30/10	
10L0777-50 [W-350]	B024387	1.00	10.0	12/30/10	
10L0777-51 [W-351]	B024387	1.00	10.0	12/30/10	
10L0777-52 [W-352]	B024387	1.00	10.0	12/30/10	
10L0777-53 [W-353]	B024387	1.00	10.0	12/30/10	
10L0777-54 [W-354]	B024387	1.00	10.0	12/30/10	
10L0777-55 [W-355]	B024387	1.00	10.0	12/30/10	
10L0777-56 [W-356]	B024387	1.00	10.0	12/30/10	
10L0777-57 [W-357]	B024387	1.00	10.0	12/30/10	
10L0777-58 [W-358]	B024387	1.00	10.0	12/30/10	
10L0777-59 [W-359]	B024387	1.00	10.0	12/30/10	
10L0777-60 [W-360]	B024387	1.00	10.0	12/30/10	

#### Prep Method: SW-846 3540C-SW-846 8082

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
10L0777-61 [DUP-1]	B024388	1.00	10.0	12/30/10
10L0777-62 [DUP-2]	B024388	1.00	10.0	12/30/10
10L0777-63 [DUP-3]	B024388	1.00	10.0	12/30/10
10L0777-64 [Blank-1]	B024388	1.00	10.0	12/30/10
10L0777-65 [Blank-2]	B024388	1.00	10.0	12/30/10
10L0777-66 [Blank-3]	B024388	1.00	10.0	12/30/10



## QUALITY CONTROL

# Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024329 - SW-846 3540C										
Blank (B024329-BLK1)				Prepared: 12	/29/10 Anal	yzed: 12/31/	10			
Aroclor-1016	ND	0.20	μg/Wipe							
Aroclor-1016 [2C]	ND	0.20	μg/Wipe							
Aroclor-1221	ND	0.20	μg/Wipe							
Aroclor-1221 [2C]	ND	0.20	μg/Wipe							
Aroclor-1232	ND	0.20	μg/Wipe							
Aroclor-1232 [2C]	ND	0.20	μg/Wipe							
Aroclor-1242	ND	0.20	μg/Wipe							
Aroclor-1242 [2C]	ND	0.20	μg/Wipe							
Aroclor-1248	ND	0.20	μg/Wipe							
Aroclor-1248 [2C]	ND	0.20	μg/Wipe							
Aroclor-1254	ND	0.20	μg/Wipe							
Aroclor-1254 [2C]	ND	0.20	μg/Wipe							
Aroclor-1260	ND	0.20	μg/Wipe							
Aroclor-1260 [2C]	ND	0.20	μg/Wipe							
Aroclor-1262	ND	0.20	μg/Wipe							
Aroclor-1262 [2C]	ND	0.20	μg/Wipe							
Aroclor-1268	ND	0.20	μg/Wipe							
Aroclor-1268 [2C]	ND	0.20	$\mu g/Wipe$							
Surrogate: Decachlorobiphenyl	2.17		μg/Wipe	2.00		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.07		μg/Wipe	2.00		104	30-150			
Surrogate: Tetrachloro-m-xylene	2.17		μg/Wipe	2.00		108	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.15		μg/Wipe	2.00		108	30-150			
LCS (B024329-BS1)				Prepared: 12	/29/10 Anal	yzed: 12/31/	10			
Aroclor-1016	0.51	0.20	μg/Wipe	0.500		102	40-140			
Aroclor-1016 [2C]	0.54	0.20	μg/Wipe	0.500		107	40-140			
Aroclor-1260	0.52	0.20	μg/Wipe	0.500		103	40-140			
Aroclor-1260 [2C]	0.53	0.20	$\mu g/Wipe$	0.500		105	40-140			
Surrogate: Decachlorobiphenyl	2.12		μg/Wipe	2.00		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.03		μg/Wipe	2.00		102	30-150			
Surrogate: Tetrachloro-m-xylene	2.11		μg/Wipe	2.00		106	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.11		$\mu g/Wipe$	2.00		105	30-150			
LCS Dup (B024329-BSD1)				Prepared: 12	/29/10 Anal	yzed: 12/31/	10			
Aroclor-1016	0.50	0.20	μg/Wipe	0.500	_	101	40-140	0.962	30	
Aroclor-1016 [2C]	0.53	0.20	$\mu g/Wipe$	0.500		107	40-140	0.297	30	
Aroclor-1260	0.53	0.20	$\mu g/Wipe$	0.500		107	40-140	3.47	30	
Aroclor-1260 [2C]	0.55	0.20	μg/Wipe	0.500		109	40-140	4.01	30	
Surrogate: Decachlorobiphenyl	2.17		μg/Wipe	2.00		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.06		$\mu g/Wipe$	2.00		103	30-150			
Surrogate: Tetrachloro-m-xylene	2.03		μg/Wipe	2.00		101	30-150			



## QUALITY CONTROL

# Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024338 - SW-846 3540C										
Blank (B024338-BLK1)				Prepared: 12	2/29/10 Anal	yzed: 12/31/	10			
Aroclor-1016	ND	0.20	μg/Wipe							
Aroclor-1016 [2C]	ND	0.20	μg/Wipe							
Aroclor-1221	ND	0.20	μg/Wipe							
Aroclor-1221 [2C]	ND	0.20	μg/Wipe							
Aroclor-1232	ND	0.20	μg/Wipe							
Aroclor-1232 [2C]	ND	0.20	μg/Wipe							
Aroclor-1242	ND	0.20	μg/Wipe							
Aroclor-1242 [2C]	ND	0.20	μg/Wipe							
Aroclor-1248	ND	0.20	μg/Wipe							
Aroclor-1248 [2C]	ND	0.20	$\mu g/Wipe$							
Aroclor-1254	ND	0.20	μg/Wipe							
Aroclor-1254 [2C]	ND	0.20	μg/Wipe							
Aroclor-1260	ND	0.20	μg/Wipe							
Aroclor-1260 [2C]	ND	0.20	μg/Wipe							
Aroclor-1262	ND	0.20	μg/Wipe							
Aroclor-1262 [2C]	ND	0.20	μg/Wipe							
Aroclor-1268	ND	0.20	μg/Wipe							
Aroclor-1268 [2C]	ND	0.20	μg/Wipe							
Surrogate: Decachlorobiphenyl	1.88		μg/Wipe	2.00		94.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.10		μg/Wipe	2.00		105	30-150			
Surrogate: Tetrachloro-m-xylene	1.91		μg/Wipe	2.00		95.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.93		μg/Wipe	2.00		96.4	30-150			
LCS (B024338-BS1)				Prepared: 12	2/29/10 Anal	yzed: 12/31/	10			
Aroclor-1016	0.55	0.20	μg/Wipe	0.500		110	40-140			
Aroclor-1016 [2C]	0.53	0.20	μg/Wipe	0.500		106	40-140			
Aroclor-1260	0.53	0.20	μg/Wipe	0.500		105	40-140			
Aroclor-1260 [2C]	0.55	0.20	μg/Wipe	0.500		111	40-140			
Surrogate: Decachlorobiphenyl	1.99		μg/Wipe	2.00		99.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.17		μg/Wipe	2.00		109	30-150			
Surrogate: Tetrachloro-m-xylene	1.97		μg/Wipe	2.00		98.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.01		$\mu g/Wipe$	2.00		101	30-150			
LCS Dup (B024338-BSD1)				Prepared: 12	2/29/10 Anal	yzed: 12/31/	10			
Aroclor-1016	0.57	0.20	μg/Wipe	0.500		114	40-140	3.41	30	
Aroclor-1016 [2C]	0.55	0.20	μg/Wipe	0.500		111	40-140	4.86	30	
Aroclor-1260	0.54	0.20	μg/Wipe	0.500		107	40-140	1.82	30	
Aroclor-1260 [2C]	0.56	0.20	μg/Wipe	0.500		112	40-140	1.20	30	
Surrogate: Decachlorobiphenyl	1.96		μg/Wipe	2.00		97.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.18		$\mu g/Wipe$	2.00		109	30-150			
Surrogate: Tetrachloro-m-xylene	1.92		$\mu g/Wipe$	2.00		95.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.95		μg/Wipe	2.00		97.3	30-150			



## QUALITY CONTROL

# Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024387 - SW-846 3540C										
Blank (B024387-BLK1)				Prepared: 12	2/30/10 Anal	yzed: 01/04/	11			
Aroclor-1016	ND	0.20	μg/Wipe							
Aroclor-1016 [2C]	ND	0.20	μg/Wipe							
Aroclor-1221	ND	0.20	μg/Wipe							
Aroclor-1221 [2C]	ND	0.20	μg/Wipe							
Aroclor-1232	ND	0.20	μg/Wipe							
Aroclor-1232 [2C]	ND	0.20	μg/Wipe							
Aroclor-1242	ND	0.20	μg/Wipe							
Aroclor-1242 [2C]	ND	0.20	μg/Wipe							
Aroclor-1248	ND	0.20	μg/Wipe							
Aroclor-1248 [2C]	ND	0.20	μg/Wipe							
Aroclor-1254	ND	0.20	μg/Wipe							
Aroclor-1254 [2C]	ND	0.20	μg/Wipe							
Aroclor-1260	ND	0.20	μg/Wipe							
Aroclor-1260 [2C]	ND	0.20	μg/Wipe							
Aroclor-1262	ND	0.20	μg/Wipe							
Aroclor-1262 [2C]	ND	0.20	μg/Wipe							
Aroclor-1268	ND	0.20	μg/Wipe							
Aroclor-1268 [2C]	ND	0.20	μg/Wipe							
Surrogate: Decachlorobiphenyl	2.18		$\mu g/Wipe$	2.00		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.88		μg/Wipe	2.00		93.8	30-150			
Surrogate: Tetrachloro-m-xylene	2.08		μg/Wipe	2.00		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.01		μg/Wipe	2.00		101	30-150			
LCS (B024387-BS1)				Prepared: 12	2/30/10 Anal	yzed: 01/04/	11			
Aroclor-1016	0.50	0.20	μg/Wipe	0.500		100	40-140			
Aroclor-1016 [2C]	0.53	0.20	μg/Wipe	0.500		106	40-140			
Aroclor-1260	0.51	0.20	μg/Wipe	0.500		102	40-140			
Aroclor-1260 [2C]	0.52	0.20	μg/Wipe	0.500		104	40-140			
Surrogate: Decachlorobiphenyl	2.15		μg/Wipe	2.00		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.85		μg/Wipe	2.00		92.6	30-150			
Surrogate: Tetrachloro-m-xylene	2.05		μg/Wipe	2.00		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.98		$\mu g/Wipe$	2.00		99.2	30-150			
LCS Dup (B024387-BSD1)				Prepared: 12	2/30/10 Anal	yzed: 01/04/	11			
Aroclor-1016	0.41	0.20	μg/Wipe	0.500		82.4	40-140	19.6	30	
Aroclor-1016 [2C]	0.44	0.20	μg/Wipe	0.500		87.8	40-140	18.4	30	
Aroclor-1260	0.42	0.20	μg/Wipe	0.500		84.2	40-140	19.6	30	
Aroclor-1260 [2C]	0.44	0.20	μg/Wipe	0.500		87.2	40-140	17.9	30	
Surrogate: Decachlorobiphenyl	1.75		μg/Wipe	2.00		87.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.53		μg/Wipe	2.00		76.5	30-150			
Surrogate: Tetrachloro-m-xylene	1.70		μg/Wipe	2.00		84.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.65		μg/Wipe	2.00		82.6	30-150			



## QUALITY CONTROL

# Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B024388 - SW-846 3540C										
Blank (B024388-BLK1)				Prepared: 12	2/30/10 Anal	yzed: 01/04/	11			
Aroclor-1016	ND	0.20	μg/Wipe							
Aroclor-1016 [2C]	ND	0.20	μg/Wipe							
Aroclor-1221	ND	0.20	μg/Wipe							
Aroclor-1221 [2C]	ND	0.20	μg/Wipe							
Aroclor-1232	ND	0.20	μg/Wipe							
Aroclor-1232 [2C]	ND	0.20	μg/Wipe							
Aroclor-1242	ND	0.20	μg/Wipe							
Aroclor-1242 [2C]	ND	0.20	μg/Wipe							
Aroclor-1248	ND	0.20	μg/Wipe							
Aroclor-1248 [2C]	ND	0.20	μg/Wipe							
Aroclor-1254	ND	0.20	μg/Wipe							
Aroclor-1254 [2C]	ND	0.20	μg/Wipe							
Aroclor-1260	ND	0.20	μg/Wipe							
Aroclor-1260 [2C]	ND	0.20	μg/Wipe							
Aroclor-1262	ND	0.20	μg/Wipe							
Aroclor-1262 [2C]	ND	0.20	μg/Wipe							
Aroclor-1268	ND	0.20	μg/Wipe							
Aroclor-1268 [2C]	ND	0.20	μg/Wipe							
Surrogate: Decachlorobiphenyl	2.03		$\mu g/Wipe$	2.00		102	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.85		μg/Wipe	2.00		92.3	30-150			
Surrogate: Tetrachloro-m-xylene	2.04		μg/Wipe	2.00		102	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.93		μg/Wipe	2.00		96.3	30-150			
LCS (B024388-BS1)				Prepared: 12	2/30/10 Anal	yzed: 01/04/	11			
Aroclor-1016	0.54	0.20	μg/Wipe	0.500		107	40-140			
Aroclor-1016 [2C]	0.57	0.20	μg/Wipe	0.500		113	40-140			
Aroclor-1260	0.51	0.20	μg/Wipe	0.500		103	40-140			
Aroclor-1260 [2C]	0.53	0.20	$\mu g/Wipe$	0.500		107	40-140			
Surrogate: Decachlorobiphenyl	2.15		μg/Wipe	2.00		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.96		μg/Wipe	2.00		97.8	30-150			
Surrogate: Tetrachloro-m-xylene	2.11		μg/Wipe	2.00		106	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.99		$\mu g/Wipe$	2.00		99.3	30-150			
LCS Dup (B024388-BSD1)				Prepared: 12	2/30/10 Anal	yzed: 01/04/	11			
Aroclor-1016	0.54	0.20	μg/Wipe	0.500		107	40-140	0.00	30	
Aroclor-1016 [2C]	0.58	0.20	μg/Wipe	0.500		117	40-140	3.18	30	
Aroclor-1260	0.55	0.20	$\mu g/Wipe$	0.500		110	40-140	6.59	30	
Aroclor-1260 [2C]	0.57	0.20	μg/Wipe	0.500		115	40-140	6.89	30	
Surrogate: Decachlorobiphenyl	2.28		μg/Wipe	2.00		114	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.07		$\mu g/Wipe$	2.00		104	30-150			
Surrogate: Tetrachloro-m-xylene	2.13		μg/Wipe	2.00		106	30-150			
	1.99		μg/Wipe	2.00		99.4	30-150			



## FLAG/QUALIFIER SUMMARY

- QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.



# CERTIFICATIONS

# Certified Analyses included in this Report

**Analyte** Certifications

No certified Analyses included in this Report

 $The \ CON-TEST \ Environmental \ Laboratory \ operates \ under \ the \ following \ certifications \ and \ accreditations:$ 

Code	Description	Number	Expires
AIHA	American Industrial Hygiene Association	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2011
CT	Connecticut Department of Publile Health	PH-0567	09/30/2011
NY	New York State Department of Health	10899 NELAP	04/1/2011
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2011
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2011
FL	Florida Department of Health	E871027 NELAP	06/30/2011
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2011
WA	State of Washington Department of Ecology	C2065	02/23/2011

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Sampled By: Project Location:

Con-Test Lab ID

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Attention:

Company Name: Resource Controls 5-day TAT Project Proposal Provided? (for billing purposes Shauna Edson and Tim Fletcher 1 Worrell St, Dorchester, MA 474 Broadway Pawtucket, RI 02860 Jesse Krawiec Client Sample ID / Description 18810 W-303 W-309 W-308 W-306 W-305 W-304 W-302 W-301 W-307 7 / Date/Time: W-310 Email: info@contestlabs.com Phone: 413-525-2332 www.contestlabs.com Fax: 413-525-6405 シタ Date/Time; Date/Time: 3 Date/Time Beginning T72-Hr O 14-Day 12/22/2010 ☐ [†]24-Hr ☐ [†]48-Hr 12/22/2010 12/22/2010 12/22/2010 12/22/2010 12/22/2010 12/22/2010 12/22/2010 12/22/2010 12/22/2010 Turnaround • Collection RUSH Fax # Project # Format: Email: Client PO# Task 005 Other 5-DAY 10-Day 7-Day OFAX DATA DELIVERY (check all that apply) Telephone: (401) 728-6860 96:14 Date/Time 80 2 80 80 めこと 9135 7:36 オンド **CHAIN OF CUSTODY RECORD** 1.55 9.26 8156 Ending as ar jkrawiec@resourcecontrols.com A6895A O "Enhanced Data Package" ● PDF ● EXCEL Composite Grab Connecticut: Massachusetts Detection Limit Requirements × × × 54 × × 54 × 0 0 0 0 0 0 O XULTEN. 0 0 0 Dode OGIS Please use the following codes to let Con-Test know if a specific sample Conc Code  $\subset$  $\subset$  $\subset$  $\subset$  $\subset$ H - High; M - Medium; L - Low; C - Clean; U - Unknown  $\subset$  $\subset$  $\subset$  $\subset$  $\subset$ may be high in concentration in Matrix/Conc. Code Box: G PCBs by 8082, Soxlet extraction Is your project MCP or RCP? ANALYSIS REQUESTED MCP Form RequiredRCP Form Required O MA State DW Form Required PWSID# East longmeadow, MA 01028 39 Spruce Street **NELAC & AIHA Certified** WBE/DBE Certified ** Preservation # of Containers ***Container Code o=Other T=tedlar bag S=summa can V= vial ST=sterile **P**=plastic G≔glass A≔amber glass ***Cont. Code Page_ O Lab to Filter N = Nitric Acid ! = lced **Preservation O Field Filtered X = Na hydroxide S = Sulfuric Acid M = Methanol H=HCL Dissolved Metals DW= drinking water GW= groundwater 0 = Other Haxans T = Na thiosulfate 8 = Sodium bisulfate S = soil/solid 0 = other was 스 = 급 WW= wastewater *Matrix Code: <u>'</u>Ω, ~] Page 79 of 86

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ne ( AlHA ) NELAC & AIHA Certified WRE/DRF Certified	O MA State DW Form Required PWSID#	MCP Form Required     RCP Form Required	Is your project MCP or RCP?	- Iviedium; L - Low; C - Clean; U - Unknown		Please use the following codes to let Con-Test know if a specific sample DW= drinking water may be high in concentration in Matrix/Conc. Code Box:  A ≈ air	<b>✓</b> WW= wastewater	*Matrix Code:	O = Office Jeury	<b>✓</b> T = Na thiosulfate	X = Na hydroxide	V = Nitric Acid S = Sulfuric Acid	✓ M = Methanol	✓ l = iced	**Preservation	G=Other	PCBS		P=plastic ST=sterile	L	C Lab to Filter		5 ANALYSIS REQUESTED Dissolved Metals	G ***Container Cod		10 # of Containers

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AIHA NEI		MCP Form Required     RCP Form Required	nents Is your project MCP or RCP?	H - High; M - Medium; L - Low; C - Clean; U - Unknown	may be high in concentration in Matrix/Conc. Code Box:	he following rockes to let Con. That know it a specific combine		<b>√</b>		<	<	_	_	<b>√</b>	_		by	7 8082		<u>.i</u>	et e	extr	act.	5 ANALYSIS REQUESTED	G	0	10	RECORD 39 Spruce Street East longmeadow, MA 01028
NELAC & AIHA Certified	PWSID#		CP? O = other wipe	SL = sludge			*Matrix Code: GW= groundwater	0 = Other Haxans	T = Na thiosulfate	B = Sodium bisulfate	N = Nitric Acid	M = HCL	1= lced	***	<b>0</b> =Other	S=summa can T=tedlar bag	V= vial	P=plastic ST=sterile	A=amber glass G≈glass	***Cont. Code:		O Lab to Filter		Dissolved Metals	<u> </u>		# of Containers	28 Page 3 of 7 of 86

IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR

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N = Nitric Acid  S = Sulfurir Acid			<b>✓</b>	_	0	×	12.14	12/22/2010	51	W-335	<b>'</b>	Ŋ
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V= vial			s by	age.	ata Pach	O "Enhanced Data Package"	Collection	Coll			1	
P=plastic ST=sterile			/ 8082	SIS	T OGIS	PDF	Format:		s)	Project Proposal Provided? (for billing purposes)  O yes	t Proposal Provid	Project O yes
A≃amber glass G=glass				trois.cor	rcecon	jkrawiec@resourcecontrols.com	Email:		Tim Fletcher	Edson and	d By: Shauna	Sampled By:
***Cont. Code:			xlet				Fax#		chester, M/	rrell St, Do	tion:	Project
O Lab to Filter			ext		apply)	OFAX	OFAX OF			Jesse Krawiec		Attention
O Field Filtered			rac			Task 005	Client PO#		50	Pawtucket, RI 02860		
Dissolved Metals	ð	ANALYSIS REQUESTED	ion			A6895A	Project #			4/4 Broadway		Address:
***Container Cod			G		860	(401) 728-6860	Telephone:			Resource Controls	y Name:	Compa
			0					stlabs.com	www.contestlabs.com	) -		)
# of Containers			10		-			Email: info@contestlabs.com	·	ANALYTICAL LABORATORY	ANALY	A STATE OF THE STA
Page 4 of 7 2 of 86	et low, MA 01028	ECORD 39 Spruce Street East longmeadow, MA 01028		YGO	JST	CHAIN OF CUSTODY R	CHA	-525-2332 5-6405	Phone: 413-525-2332		0	

IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

ANALYTICAL LABORATORY
ABORATORY

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·		may be high in concentration in Matrix/Conc. Code Box:	may be high in o	! !					∆ T	5-day TAT	7
DW= drinking water		use the following codes to let Con-Test know if a specific sample	e use the following	Please						S.	Comments:
WW= groundwater	ew =/WW.		_ 	× 0		200	12/22/2010	W-350		C	
Code	*Matrix Code:		∪ <b>√</b>	×,		8:11	12/22/2010	W-349			ع.[،
Hexane	O = Olner Hexarie		<b>✓</b>	×	7	7:59	12/22/2010	W-348		)   	
nosulfate	T = Na thiosulfate		✓     ✓	×		7.49	12/22/2010	VV-34/		<b>)</b>	. L
/droxide	X = Na hydroxide			$\perp$		.		10.074		<i>3</i>	
B = Sodium bisulfate	B = Sodiu		-   	×	<b>V</b>	7:23	12/22/2010	W-346		7	ے
c Acid	N = Nitric Acid		∪ <b>√</b>	×		10:59	12/22/2010	W-345	30,33	<b>ν</b> ,	4
hanol	M = Methanol		∪ <b>√</b>	×		10.51	12/22/2010	W-344			
	l ≈ lced		∪ <b>√</b>	×		9,51	12/22/2010	W-343		·Š	
vation	**Preservation		∪ <b>≺</b>	×	ľ	OH:6	12/22/2010	W-342		2	
			□ <b>✓</b>	×		44.6	12/22/2010	VV-341			
O S	0=Other		+	9807 Cap		1.	parc/ (mic	18.04.			W.
a can	S=summa can		nc Code	Grah *Matrix	ဂ္ဂ		Beginning Date/Time	Client Sample ID / Description	Client Sar	Con-Test Lab ID	Con-T
	V≔ via			"Enhanced Data Package"		Collection	ಽಽ				
rs '	P=plastic ST=sterile		8082	© EXCEL OGIS	● PDF ←	Format:		billing purposes) proposal date	vided? (for billi	Project Proposal Provided? (for billing purposes)  O yes	Project O yes
	G=glass					[ ]					
r glass	A≃amber glass			jkrawiec@resourcecontrols.com	jkrawiec(	∏ mai:		Shauna Edson and Tim Fletcher	auna Edsor		Sampled By:
Code:	***Cont, Code:		let	1			A	1 Worrell St, Dorchester, MA	Worrell S	Project Location: 1	Project I
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ad Matals	Disento	ANALYSIS REQUESTED	ion	Š.	A6895A	Project#		/ay	474 Broadway		Address:
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	** Preservation		0				www.contestlabs.com				1
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3 of 80	8 Page_5	39 Spruce Street East longmeadow, MA 01028	DY RECO	CHAIN OF CUSTODY RECORD	AIN OF GU	, HD	3-525-2332 25-6405	Phone: 413-525-2332 Fax: 413-525-6405			
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					<u> irements</u>	H - High; M -	may be high	∪   <b>✓</b>		∪ ✓	∪ <b>√</b>	⊂ <b>&lt;</b>	C	_ <b>\</b>	∪ <b>√</b>	∪ <b>√</b>	∪ <b>✓</b>	Canc Cade PCBs	by	801	32,		:let	ext	rac	tio	n (	ភ	0	10		
	100000 Marie 1000000 Marie 100000 Marie 10000 Marie 100000 Marie 10000 Marie 1000 Marie 10000 Marie 1000 Marie 10000 Marie 10000 Marie 10000 Marie 10000 Marie 1000 Mar	O MA State DW Form Required	☐ MCP Form Required	Is your project MCP or RCP		- Medium; L - Low; C - Clean; U - Unknown	use the rollowing codes to let Con-lest know if a specific sample may be high in concentration in Matrix/Conc. Code Box:																				ANIAL VEIG DE OLIFETTE				CORD 39 Spruce Street East longmeadow, MA 01028	
	1	Required PWSID#		פר אכר אכר זי		aknown	specific sample de Box:																								WA 01028	
NELAC & AIHA Certified		D#			O = other Wipe	SL = sludge	A = air	ww= wastewater	*Matrix Code: GW= groundwater	O = Other Haxana	T = Na thiosulfate	B = Sodium bisulfate	N = Nitric Acid	M = Methanol	I = Iced	**Drocorvation	<b>0</b> =Other	S≃summa can T≂tedlar bag	V= vial	ST=sterile	G=glass	A.=amber glass	***Cont. Code:	O Lab to Filter	O Field Filtered	Dissolved Metals	Container Cod	. L	** Preservation age		Page 6 of 7 of 86	

IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT WBE/DBE Certified

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#	te D			Connecticut:	DAY	Other 9  RUSH  724-Hr 7 148-Hr	Daté/Time:	1/86/6/	Religguished by: (signature)
	O MCP Form Required				ay		Date/Time:	ニータカーカン	Received by: (signature)
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0 = other Wipe		$\Box$	Regu	Detection Limit	_	Turnaround †	Date/Time:	0 1800 181 (a)	Relinquished by: (signature
SL = sludge	<u> </u>	igh; M - Medium;	H-H						7 449
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DW= drinking water	sample	į ģ	Please use the	,					Comments:
WW= wastewater									Ź
*Matrix Code:  GW= groundwater									B
C - Clife Cavalle									Æ.
T = Na thiosulfate									茅
<b>B</b> = Sodium bisulfate <b>X</b> = Na hydroxide		$\checkmark$	°	×	N/A	12/22/2010		BLANK-3	<u>~</u>
S = Sulfuric Acid			°	×	N/A	12/22/2010		BLANK-2	S
M = Methanol		$  \cdot  $	°	×	N/A	12/22/2010		BLANK-1	2
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A=amber glass G=glass	(A) T	, Sc	ontrols.com	jkrawiec@resourcecontrols		Email:	letcher	Shauna Edson and Tim Fletcher	Sampled By: Shau
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O Lab to Filter		ext		OFAX	AX @ EMAIL	O FAX		Jesse Krawiec	Attention: Jes
O Field Filtered		ract		005	Client PO# Task 005	Clier		Pawtucket, RI 02860	Pav
Dissolved Metals	ANALYSIS REQUESTED			95A	Project # A6895A	Proje		474 Broadway	Address: 474
***Container Code P	*	G		Telephone: <u>(401) 728-6860</u>	phone: (401	Tele		source Controls	Company Name: Resource Controls
	*	0				abs.com	www.contestlabs.com		 
# of Containers	#	6				ontestlabs.cor	Email: info@contestlabs.com	ANALYTICAL LABORATORY	MALY
Page 7 of 7 6 6	39 Spruce Street East longmeadow, MA 01028	RECORD	TODY	CHAIN OF CUSTODY RE	HAIN		Phone: 413-525-2332 Fax: 413-525-6405		

www.contestlabs.com



# Sample Receipt Checklist

39 Spruce St. East Longmeadow, MA. 01028

> P: 413-525-2332 F: 413-525-6405

> > h.m. - 0010

CLIENT NAME: Resource	Centrols	RECEIVED BY:_	_0B	DATE: 12/28/10
1) Was the chain(s) of custody	relinguished and ei	aneri?	Yes No	· /
•	-	giitu:		
2) Does the chain agree with th If not, explain:	e samples ?		Yes No	
3) Are all the samples in good of the sample in good of the good of the sample in good of the good of the sample in good of the sample in good of the sample in goo	ondition?		Yes No	•
4) How were the samples receiv	red:			
On Ice Direct from :	Sampling	Ambient	In Cooler(s)	3
Were the samples received in T	emperature Complia	ance of (2-6°C)?	Yes No	N/A
Temperature °C by Temp blank		Temperature °C b	y Temp gun	5.2 4
5) Are there Dissolved samples	for the lab to filter?		Yes (No)	
Who was notified	Date	Time		
6) Are there any samples "On H	old"?		Yes No	Stored where:
7) Are there any RUSH or SHOR		amples?	Yes No	<del></del>
Who was notified		•		
8) Location where samples are s			eeinn to eubeon	tract samples? Yes No
,	storea: 19			•
			Signature:	f not already approved
		Client	Olgnature.	
C	ontainers re	ceived at Co	n-Test	
	# of containers	_		# of containers
1 Liter Amber			mber/clear jar	
500 mL Amber			mber/clear jar	66
250 mL Amber (8oz amber)			mber/clear jar	
1 Liter Plastic			er glass jar	
500 mL Plastic			c Bag / Ziploc	
250 mL plastic			r Cassette	
40 mL Vial - type listed below			SOC Kit	
Colisure / bacteria bottle Dissolved Oxygen bottle			Tubes	
Flashpoint bottle		Non-Cor	Test Container	
Encore		DM	Other	
Perchlorate Kit		1888	2.5 / PM 10 - Cartridge	
aboratory Comments:		PUF	- carmage	
*				
0 mL vials: # HCI	# Methanol		Т	ime and Date Frozen:
	# Methanol		T	ime and Date Frozen:
0 mL vials: # HCI # Bisulfate # Thiosulfate	# Methanol # DI Water Unpreserved		Т	ime and Date Frozen:

Do all samples have the proper Base nH. Ves. No. /N/A



November 3, 2011

Jesse Krawiec Resource Control Associates - RI 474 Broadway Pawtucket, RI 02860

Project Location: 1 Worrell St, Dorchester, MA

Client Job Number:

Project Number: 7049.004 Task 2

Laboratory Work Order Number: 11J1028

Holy L. Tolson

Enclosed are results of analyses for samples received by the laboratory on October 27, 2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Holly L. Folsom Project Manager



Resource Control Associates - RI REPORT DATE: 11/3/2011

474 Broadway

Pawtucket, RI 02860 PURCHASE ORDER NUMBER: 585179

ATTN: Jesse Krawiec

PROJECT NUMBER: 7049.004 Task 2

### ANALYTICAL SUMMARY

WORK ORDER NUMBER: 11J1028

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 1 Worrell St, Dorchester, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
W-361	11J1028-01	Wipe		SW-846 8082A	
W-362	11J1028-02	Wipe		SW-846 8082A	
W-364	11J1028-04	Wipe		SW-846 8082A	
W-365	11J1028-05	Wipe		SW-846 8082A	
W-366	11J1028-06	Wipe		SW-846 8082A	
W-367	11J1028-07	Wipe		SW-846 8082A	
W-370	11J1028-10	Wipe		SW-846 8082A	
W-371	11J1028-11	Wipe		SW-846 8082A	
W-374	11J1028-14	Wipe		SW-846 8082A	
W-375	11J1028-15	Wipe		SW-846 8082A	
W-378	11J1028-18	Wipe		SW-846 8082A	
W-379	11J1028-19	Wipe		SW-846 8082A	
W-380	11J1028-20	Wipe		SW-846 8082A	
W-381	11J1028-21	Wipe		SW-846 8082A	
W-382	11J1028-22	Wipe		SW-846 8082A	
W-383	11J1028-23	Wipe		SW-846 8082A	
W-384	11J1028-24	Wipe		SW-846 8082A	



### CASE NARRATIVE SUMMARY

An reported results are	within defined laboratory	quality control objective	s unicss fisted below of other	nerwise quantied in uns	report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the

best of my knowledge and belief, accurate and complete.

Daren J. Damboragian Laboratory Manager



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-361** Sampled: 10/25/2011 10:36

Sample ID: 11J1028-01
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:29	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	I		SW-846 8082A	10/31/11	11/2/11 15:29	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:29	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:29	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:29	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:29	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:29	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:29	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:29	JMB
Surrogates		% Recovery	Recovery Limits	i	Flag				-
Decachlorobiphenyl [1]		103	30-150					11/2/11 15:29	
Decachlorobiphenyl [2]		96.5	30-150					11/2/11 15:29	
Tetrachloro-m-xylene [1]		97.7	30-150					11/2/11 15:29	
Tetrachloro-m-xylene [2]		99.8	30-150					11/2/11 15:29	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-362** Sampled: 10/25/2011 10:41

Sample ID: 11J1028-02
Sample Matrix: Wipe

Polychlorinated	Dinhonvila with	2540 Carrble	t Extuastion

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:42	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:42	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:42	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:42	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:42	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:42	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:42	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:42	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:42	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		100	30-150					11/2/11 15:42	
Decachlorobiphenyl [2]		94.6	30-150					11/2/11 15:42	
Tetrachloro-m-xylene [1]		94.7	30-150					11/2/11 15:42	
Tetrachloro-m-xylene [2]		97.1	30-150					11/2/11 15:42	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-364** Sampled: 10/25/2011 10:48

Sample ID: 11J1028-04
Sample Matrix: Wipe

Polychloringtod	Rinhanyle with	3540 Savhlat	Extraction

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:55	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:55	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:55	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:55	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:55	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:55	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:55	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:55	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 15:55	JMB
Surrogates		% Recovery	Recovery Limits	3	Flag				-
Decachlorobiphenyl [1]		103	30-150					11/2/11 15:55	
Decachlorobiphenyl [2]		96.8	30-150					11/2/11 15:55	
Tetrachloro-m-xylene [1]		96.2	30-150					11/2/11 15:55	
Tetrachloro-m-xylene [2]		97.6	30-150					11/2/11 15:55	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-365** Sampled: 10/25/2011 10:54

Sample ID: 11J1028-05
Sample Matrix: Wipe

Polychloringted	Rinhanyle	with 35/0	Soublet F	vtraction

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:07	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:07	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:07	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:07	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:07	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:07	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:07	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:07	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:07	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		102	30-150					11/2/11 16:07	
Decachlorobiphenyl [2]		95.6	30-150					11/2/11 16:07	
Tetrachloro-m-xylene [1]		96.1	30-150					11/2/11 16:07	
Tetrachloro-m-xylene [2]		98.4	30-150					11/2/11 16:07	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

Field Sample #: W-366 Sampled: 10/25/2011 11:21

Sample ID: 11J1028-06
Sample Matrix: Wipe

Polychloringted	Rinhanyle	with 35/10	Soublet Extract	tion

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:20	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:20	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:20	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:20	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:20	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:20	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:20	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:20	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:20	JMB
Surrogates		% Recovery	Recovery Limits	3	Flag				-
Decachlorobiphenyl [1]		105	30-150					11/2/11 16:20	
Decachlorobiphenyl [2]		98.0	30-150					11/2/11 16:20	
Tetrachloro-m-xylene [1]		100	30-150					11/2/11 16:20	
Tetrachloro-m-xylene [2]		102	30-150					11/2/11 16:20	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-367** Sampled: 10/25/2011 11:27

Sample ID: 11J1028-07
Sample Matrix: Wipe

Polychloringted	Rinhanyle with	3540 Soxhlet Extraction	

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:33	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:33	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:33	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:33	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:33	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:33	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:33	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:33	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:33	JMB
Surrogates		% Recovery	Recovery Limits	3	Flag				
Decachlorobiphenyl [1]		104	30-150					11/2/11 16:33	
Decachlorobiphenyl [2]		97.6	30-150					11/2/11 16:33	
Tetrachloro-m-xylene [1]		99.7	30-150					11/2/11 16:33	
Tetrachloro-m-xylene [2]		101	30-150					11/2/11 16:33	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-370** Sampled: 10/25/2011 11:36

Sample ID: 11J1028-10
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:46	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:46	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:46	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:46	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:46	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:46	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:46	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:46	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:46	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		104	30-150					11/2/11 16:46	
Decachlorobiphenyl [2]		97.7	30-150					11/2/11 16:46	
Tetrachloro-m-xylene [1]		96.8	30-150					11/2/11 16:46	
Tetrachloro-m-xylene [2]		99.2	30-150					11/2/11 16:46	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-371** Sampled: 10/25/2011 11:52

Sample ID: 11J1028-11
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:58	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:58	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:58	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:58	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:58	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:58	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:58	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:58	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 16:58	JMB
Surrogates		% Recovery	Recovery Limits	3	Flag				
Decachlorobiphenyl [1]		104	30-150					11/2/11 16:58	
Decachlorobiphenyl [2]		97.8	30-150					11/2/11 16:58	
Tetrachloro-m-xylene [1]		98.6	30-150					11/2/11 16:58	
Tetrachloro-m-xylene [2]		101	30-150					11/2/11 16:58	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-374** Sampled: 10/25/2011 12:20

Sample ID: 11J1028-14
Sample Matrix: Wipe

Polychlorinated	Biphenyls with	3540 Soxhlet	Extraction

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:42	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:42	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:42	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:42	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:42	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:42	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:42	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:42	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:42	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		110	30-150					11/2/11 22:42	
Decachlorobiphenyl [2]		103	30-150					11/2/11 22:42	
Tetrachloro-m-xylene [1]		107	30-150					11/2/11 22:42	
Tetrachloro-m-xylene [2]		109	30-150					11/2/11 22:42	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-375** Sampled: 10/25/2011 12:26

Sample ID: 11J1028-15
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:54	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:54	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:54	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:54	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:54	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:54	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:54	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:54	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 22:54	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		103	30-150					11/2/11 22:54	
Decachlorobiphenyl [2]		96.4	30-150					11/2/11 22:54	
Tetrachloro-m-xylene [1]		99.6	30-150					11/2/11 22:54	
Tetrachloro-m-xylene [2]		102	30-150					11/2/11 22:54	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-378** Sampled: 10/25/2011 13:39

Sample ID: 11J1028-18
Sample Matrix: Wipe

Polychlorinated Biphenyls with 3540 Soxhlet Extr	action
1 ory emormated Diphenyis with 05 to Souniet Ext	action

. 17	D. k	DI	<b>T</b> I *4	Du e	El	M d 1	Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:07	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:07	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:07	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:07	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:07	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:07	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:07	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:07	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:07	JMB
Surrogates		% Recovery	Recovery Limit	s	Flag				
Decachlorobiphenyl [1]		112	30-150					11/2/11 23:07	
Decachlorobiphenyl [2]		105	30-150					11/2/11 23:07	
Tetrachloro-m-xylene [1]		110	30-150					11/2/11 23:07	
Tetrachloro-m-xylene [2]		110	30-150					11/2/11 23:07	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-379** Sampled: 10/25/2011 13:42

Sample ID: 11J1028-19
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:20	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:20	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:20	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:20	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:20	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:20	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:20	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:20	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:20	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		109	30-150					11/2/11 23:20	
Decachlorobiphenyl [2]		102	30-150					11/2/11 23:20	
Tetrachloro-m-xylene [1]		107	30-150					11/2/11 23:20	
Tetrachloro-m-xylene [2]		107	30-150					11/2/11 23:20	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-380** Sampled: 10/25/2011 13:53

Sample ID: 11J1028-20
Sample Matrix: Wipe

Polychloringted	Rinhanyle	with 35/0	Soublet F	vtraction

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:32	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:32	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:32	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:32	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:32	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:32	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:32	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:32	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:32	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		106	30-150					11/2/11 23:32	
Decachlorobiphenyl [2]		99.5	30-150					11/2/11 23:32	
Tetrachloro-m-xylene [1]		103	30-150					11/2/11 23:32	
Tetrachloro-m-xylene [2]		104	30-150					11/2/11 23:32	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-381** Sampled: 10/25/2011 13:55

Sample ID: 11J1028-21
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:45	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:45	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:45	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:45	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:45	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:45	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:45	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:45	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:45	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		109	30-150					11/2/11 23:45	
Decachlorobiphenyl [2]		102	30-150					11/2/11 23:45	
Tetrachloro-m-xylene [1]		105	30-150					11/2/11 23:45	
Tetrachloro-m-xylene [2]		106	30-150					11/2/11 23:45	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-382** Sampled: 10/25/2011 14:01

Sample ID: 11J1028-22
Sample Matrix: Wipe

Polychlorinated	Biphenvls with	ı 3540 Soxhle	t Extraction

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:58	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:58	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:58	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:58	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:58	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:58	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:58	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:58	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/2/11 23:58	JMB
Surrogates		% Recovery	Recovery Limits	S	Flag				
Decachlorobiphenyl [1]		104	30-150					11/2/11 23:58	
Decachlorobiphenyl [2]		98.3	30-150					11/2/11 23:58	
Tetrachloro-m-xylene [1]		103	30-150					11/2/11 23:58	
Tetrachloro-m-xylene [2]		104	30-150					11/2/11 23:58	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

Field Sample #: W-383 Sampled: 10/25/2011 13:59

Sample ID: 11J1028-23
Sample Matrix: Wipe

							Date	Date/Time	
Analyte	Results	RL	Units	Dilution	Flag	Method	Prepared	Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:10	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:10	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:10	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:10	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:10	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:10	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:10	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:10	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:10	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				
Decachlorobiphenyl [1]		112	30-150					11/3/11 0:10	
Decachlorobiphenyl [2]		105	30-150					11/3/11 0:10	
Tetrachloro-m-xylene [1]		108	30-150					11/3/11 0:10	
Tetrachloro-m-xylene [2]		109	30-150					11/3/11 0:10	



Project Location: 1 Worrell St, Dorchester, MA Sample Description: Work Order: 11J1028

Date Received: 10/27/2011

**Field Sample #: W-384** Sampled: 10/25/2011 14:05

Sample ID: 11J1028-24
Sample Matrix: Wipe

Analyte	Results	RL	Units	Dilution	Flag	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:23	JMB
Aroclor-1221 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:23	JMB
Aroclor-1232 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:23	JMB
Aroclor-1242 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:23	JMB
Aroclor-1248 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:23	JMB
Aroclor-1254 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:23	JMB
Aroclor-1260 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:23	JMB
Aroclor-1262 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:23	JMB
Aroclor-1268 [1]	ND	0.20	μg/Wipe	1		SW-846 8082A	10/31/11	11/3/11 0:23	JMB
Surrogates		% Recovery	Recovery Limits	s	Flag				-
Decachlorobiphenyl [1]		106	30-150					11/3/11 0:23	
Decachlorobiphenyl [2]		99.9	30-150					11/3/11 0:23	
Tetrachloro-m-xylene [1]		103	30-150					11/3/11 0:23	
Tetrachloro-m-xylene [2]		104	30-150					11/3/11 0:23	



# **Sample Extraction Data**

### Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date
11J1028-14 [W-374]	B040135	1.00	10.0	10/31/11
11J1028-15 [W-375]	B040135	1.00	10.0	10/31/11
11J1028-18 [W-378]	B040135	1.00	10.0	10/31/11
11J1028-19 [W-379]	B040135	1.00	10.0	10/31/11
11J1028-20 [W-380]	B040135	1.00	10.0	10/31/11
11J1028-21 [W-381]	B040135	1.00	10.0	10/31/11
11J1028-22 [W-382]	B040135	1.00	10.0	10/31/11
11J1028-23 [W-383]	B040135	1.00	10.0	10/31/11
11J1028-24 [W-384]	B040135	1.00	10.0	10/31/11

### Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [Wipe]	Final [mL]	Date	
11J1028-01 [W-361]	B040136	1.00	10.0	10/31/11	
11J1028-02 [W-362]	B040136	1.00	10.0	10/31/11	
11J1028-04 [W-364]	B040136	1.00	10.0	10/31/11	
11J1028-05 [W-365]	B040136	1.00	10.0	10/31/11	
11J1028-06 [W-366]	B040136	1.00	10.0	10/31/11	
11J1028-07 [W-367]	B040136	1.00	10.0	10/31/11	
11J1028-10 [W-370]	B040136	1.00	10.0	10/31/11	
11J1028-11 [W-371]	B040136	1.00	10.0	10/31/11	



### QUALITY CONTROL

# Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B040135 - SW-846 3540C										
Blank (B040135-BLK1)				Prepared: 10	0/31/11 Anal	yzed: 11/02/	11			
Aroclor-1016	ND	0.20	μg/Wipe							
Aroclor-1016 [2C]	ND	0.20	μg/Wipe							
Aroclor-1221	ND	0.20	μg/Wipe							
Aroclor-1221 [2C]	ND	0.20	μg/Wipe							
Aroclor-1232	ND	0.20	μg/Wipe							
Aroclor-1232 [2C]	ND	0.20	μg/Wipe							
Aroclor-1242	ND	0.20	μg/Wipe							
Aroclor-1242 [2C]	ND	0.20	μg/Wipe							
Aroclor-1248	ND	0.20	μg/Wipe							
Aroclor-1248 [2C]	ND	0.20	μg/Wipe							
Aroclor-1254	ND	0.20	μg/Wipe							
Aroclor-1254 [2C]	ND	0.20	μg/Wipe							
Aroclor-1260	ND	0.20	μg/Wipe							
Aroclor-1260 [2C]	ND	0.20	μg/Wipe							
Aroclor-1262	ND	0.20	μg/Wipe							
Aroclor-1262 [2C]	ND	0.20	μg/Wipe							
Aroclor-1268	ND	0.20	μg/Wipe							
Aroclor-1268 [2C]	ND	0.20	μg/Wipe							
Surrogate: Decachlorobiphenyl	2.10		μg/Wipe	2.00		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.95		μg/Wipe	2.00		97.7	30-150			
Surrogate: Tetrachloro-m-xylene	2.05		μg/Wipe	2.00		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.07		μg/Wipe	2.00		103	30-150			
LCS (B040135-BS1)				Prepared: 10	0/31/11 Anal	yzed: 11/02/	11			
Aroclor-1016	0.52	0.20	μg/Wipe	0.500		104	40-140			
Aroclor-1016 [2C]	0.51	0.20	μg/Wipe	0.500		101	40-140			
Aroclor-1260	0.54	0.20	μg/Wipe	0.500		109	40-140			
Aroclor-1260 [2C]	0.57	0.20	$\mu g/Wipe$	0.500		114	40-140			
Surrogate: Decachlorobiphenyl	2.23		μg/Wipe	2.00		111	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.07		μg/Wipe	2.00		103	30-150			
Surrogate: Tetrachloro-m-xylene	2.19		μg/Wipe	2.00		110	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.21		$\mu g/Wipe$	2.00		111	30-150			
LCS Dup (B040135-BSD1)				Prepared: 10	0/31/11 Anal	yzed: 11/02/	11			
Aroclor-1016	0.55	0.20	μg/Wipe	0.500		110	40-140	5.50	30	
Aroclor-1016 [2C]	0.52	0.20	μg/Wipe	0.500		105	40-140	3.66	30	
Aroclor-1260	0.52	0.20	μg/Wipe	0.500		103	40-140	5.09	30	
Aroclor-1260 [2C]	0.54	0.20	μg/Wipe	0.500		108	40-140	5.23	30	
Surrogate: Decachlorobiphenyl	2.10		μg/Wipe	2.00		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.96		μg/Wipe	2.00		98.2	30-150			
Surrogate: Tetrachloro-m-xylene	2.01		μg/Wipe	2.00		101	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.04		μg/Wipe	2.00		102	30-150			



Spike

Source

### QUALITY CONTROL

# Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B040136 - SW-846 3540C										
Blank (B040136-BLK1)				Prepared: 10	0/31/11 Anal	yzed: 11/02/1	1			
Aroclor-1016	ND	0.20	μg/Wipe							
Aroclor-1016 [2C]	ND	0.20	μg/Wipe							
Aroclor-1221	ND	0.20	μg/Wipe							
Aroclor-1221 [2C]	ND	0.20	μg/Wipe							
Aroclor-1232	ND	0.20	μg/Wipe							
Aroclor-1232 [2C]	ND	0.20	μg/Wipe							
Aroclor-1242	ND	0.20	μg/Wipe							
Aroclor-1242 [2C]	ND	0.20	μg/Wipe							
Aroclor-1248	ND	0.20	μg/Wipe							
Aroclor-1248 [2C]	ND	0.20	μg/Wipe							
Aroclor-1254	ND	0.20	μg/Wipe							
Aroclor-1254 [2C]	ND	0.20	μg/Wipe							
Aroclor-1260	ND	0.20	μg/Wipe							
Aroclor-1260 [2C]	ND	0.20	μg/Wipe							
Aroclor-1262	ND	0.20	μg/Wipe							
Aroclor-1262 [2C]	ND	0.20	μg/Wipe							
Aroclor-1268	ND	0.20	μg/Wipe							
Aroclor-1268 [2C]	ND	0.20	μg/Wipe							
Surrogate: Decachlorobiphenyl	2.09		$\mu g/Wipe$	2.00		104	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.96		μg/Wipe	2.00		98.0	30-150			
Surrogate: Tetrachloro-m-xylene	1.94		μg/Wipe	2.00		96.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.97		μg/Wipe	2.00		98.4	30-150			
LCS (B040136-BS1)				Prepared: 10	0/31/11 Anal	yzed: 11/02/1	1			
Aroclor-1016	0.51	0.20	μg/Wipe	0.500		102	40-140			
Aroclor-1016 [2C]	0.49	0.20	μg/Wipe	0.500		97.4	40-140			
Aroclor-1260	0.48	0.20	μg/Wipe	0.500		96.0	40-140			
Aroclor-1260 [2C]	0.52	0.20	μg/Wipe	0.500		104	40-140			
Surrogate: Decachlorobiphenyl	2.06		μg/Wipe	2.00		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.93		μg/Wipe	2.00		96.3	30-150			
Surrogate: Tetrachloro-m-xylene	1.92		μg/Wipe	2.00		96.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.95		μg/Wipe	2.00		97.7	30-150			
LCS Dup (B040136-BSD1)				Prepared: 10	0/31/11 Anal	yzed: 11/02/1	1			
Aroclor-1016	0.54	0.20	μg/Wipe	0.500		108	40-140	5.31	30	
Aroclor-1016 [2C]	0.56	0.20	μg/Wipe	0.500		112	40-140	13.8	30	
Aroclor-1260	0.52	0.20	μg/Wipe	0.500		104	40-140	8.31	30	
Aroclor-1260 [2C]	0.58	0.20	μg/Wipe	0.500		116	40-140	11.6	30	
Surrogate: Decachlorobiphenyl	2.19		μg/Wipe	2.00		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.05		μg/Wipe	2.00		102	30-150			
Surrogate: Tetrachloro-m-xylene	2.07		μg/Wipe	2.00		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.10		μg/Wipe	2.00		105	30-150			

RPD

%REC



### FLAG/QUALIFIER SUMMARY

- QC result is outside of established limits.
- † Wide recovery limits established for difficult compound.
- ‡ Wide RPD limits established for difficult compound.
- # Data exceeded client recommended or regulatory level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.



# CERTIFICATIONS

# Certified Analyses included in this Report

**Analyte** Certifications

No certified Analyses included in this Report

 $The \ CON-TEST \ Environmental \ Laboratory \ operates \ under \ the \ following \ certifications \ and \ accreditations:$ 

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	01/1/2012
MA	Massachusetts DEP	M-MA100	06/30/2012
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2013
NY	New York State Department of Health	10899 NELAP	04/1/2012
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2012
RI	Rhode Island Department of Health	LAO00112	12/30/2011
NC	North Carolina Div. of Water Quality	652	12/31/2011
NJ	New Jersey DEP	MA007 NELAP	06/30/2012
FL	Florida Department of Health	E871027 NELAP	06/30/2012
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2012
WA	State of Washington Department of Ecology	C2065	02/23/2012
ME	State of Maine	2011028	06/9/2013

# CHAIN OF CUSTODY RECORD

Phone: 413-525-2332

39 Spruce Street

East longmeadow, MA 01028

Page  $^{\rm L}$  of  $^{\rm 3}$ 

Page 26 of 29

Received by: (signature) 200 C Comments: Project Location: 1 Worrell St, Dorchester, MA Attention Sampled By: Address: Company Name: Resource Controls Con-Test Lab ID Project Proposal Provided? (for billing purposes) 0 0 ANALYTICAL LABORATORY Tim Fletcher 474 Broadway Pawtucket, RI 02860 Jesse Krawiec Client Sample ID / Description 7.00 W-367 W-366 W-365 W-364 W-370 W-368(≱ W-369(*) W-363 W-362 W-361 Date/Time: Page Tipe . かしとうしょ 10-27-Date/Time/ Date/Time: Email: info@contestlabs.com www.contestlabs.com Fax: 413-525-6405 D T24-Hr II T48-Hr CI T72-Hr CI T4-Day 10/25/2011 10/25/2011 10/25/2011 10/25/2011 Date/Time 0 10/25/2011 10/25/2011 10/25/2011 10/25/2011 10/25/2011 10/25/2011 Beginning Turnaround Collection RUSH Other 5-DAY 7-Day 10-Day Email: Fax# Client PO# Project # DATA DELIVERY (check all that apply) Telephone: (401) 728-6860 S Z Format: OFAX 1133 1130 1048 Date/Time 1044 1136 1121 1054 1036 1041 Ending 19/38/11 2000 © EMAIL @WEBSITE PDF 7049.004 TASK 2 Connecticut. Massachusetts. O "Enhanced Data Package" jkrawiec@resourcecontrols.com O OTHER Composite | Grab Detection Limit Requirements ® EXCEL × × × × × × × 0 0 0 0 0 0 0 0 0 Watrix. g de Please use the following codes to let Con-Test know if a specific sample OGIS Canc Cade H - High; M - Medium; L - Low; C - Clean; U - Unknown  $\subset$ may be high in concentration in Matrix/Conc. Code Box: **C**  $\subset$  $\subset$ C  $\subset$ C  $\subset$  $\subset$ 0 **(**) 0 PCBs by 8082, Soxlet extraction Is your project MCP or RCP? **ANALYSIS REQUESTED** O MA State DW Form Required PWSID# RCP Form Required O MCP Form Required 0 = Other Hexane # of Containers ** Preservation **DW**= drinking water GW= groundwater T = Na thiosulfate B = Sodium bisulfate S = Sulfuric Acid W = Methanol G=glass ***Container Code 0 = other wipe St = sludge S = soil/solid WW= wastewater *Matrix Code: X = Na hydroxide N = Nitric Acid DH = HCL **Preservation 0=Other S=summa can A=amber glass A≡air = |ced **T**=tedlar bag V= vial \$1=sterile P=plastic ***Cont. Code: O Field Filtered Lab to Filter Dissolved Metals

Require lab approval

Other:

TSCA

**NELAC & AIHA Certified** WBE/DBE Certified



CHAIN OF CUSTODY RECORD

Phone: 413-525-2332 Fax: 413-525-6405

39 Spruce Street

6

East longmeadow, MA 01028

Page 2 <u></u>

w Page 27 of 29

TURNAROUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR Received by: Relinquistred by (signature) Comments: 5-day TA Sampled By: Project Location: Attention. Address Company Name: Resource Controls Con-Test Lab ID Project Proposal Provided? (for billing purposes) O Yes (enginature) garure, Tim Fletcher 1 Worrell St, Dorchester, MA 474 Broadway Jesse Krawiec Pawtucket, RI 02860 Client Sample ID / Description proposal date W-380 W-377(-4) W-373(4) W-379 W-378 W-376@ W-375 W-374 W-372 W-371 Date/Time: Date/Times by RUSH Date/Time; 10-27-10 124-Hr O 148-Hr 10-27-1 Date/Time: Email: info@contestlabs.com www.contestlabs.com TOTALS! Require lab approval ☐ [†]72-Hr ☐ [†]4-Day 10/25/2011 10/25/2011 10/25/2011 10/25/2011 10/25/2011 10/25/2011 10/25/2011 10/25/2011 10/25/2011 Beginning 10/25/2011 Date/Time 97 Turnaround 10/28/11 Collection Other S-DAY 7-Day 10-Day Format: Email: Fax# DATA DELIVERY (check all that apply) Client PO# Project # Telephone: (401) 728-6860 OFAX 1342 Date/Time 1353 1339 1335 1330 1226 1220 1215 1152 1158 Ending SAN Contains. ®EMAIL @WEBSITE Connecticut Massachusetts. O "Enhanced Data Package" OPP jkrawiec@resourcecontrols.com 7049.004 TASK 2 Composite Grab O OTHER Detection Limit Requirements Tares × × × × × × × × 0 0 0 0 0 0 0 0 0 0 *Matrix Code Please use the following codes to let Con-Test know if a specific sample OGIS TSCA Conc Code H - High; M - Medium; L - Low; C - Clean; U - Unknown may be high in concentration in Matrix/Conc. Code Box:  $\subseteq$  $\subset$  $\subseteq$  $\subseteq$  $\subseteq$  $\subset$  $\subset$  $\subset$ C 0 PCBs by 8082, Soxlet extraction Is your project MCP or RCP? **ANALYSIS REQUESTED** O MA State DW Form Required PWSID# MCP Form Required
 RCP Form Required **NELAC & AIHA Certified** WBE/DBE Certified 0 = Other Hexane T = Na thiosulfate 8 = Sodium bisulfate N = Nitric Acid # of Containers S = soil/solid **DW**= drinking water **GW**= groundwater X = Na hydroxide S = Sulfuric Acid M = Methanol ** Preservation O = other Wipe A = air **WW**= wastewater DH # HO **Preservation 0=0ther T=tedlar bag ***Container Code I = Iced \$=summa car \$T=sterile P≖plastic *Matrix Code: V= vial G=glass A=amber glass ***Cont. Code: O Field Filtered O Lab to Filter Dissolved Metals

IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

# CHAIN OF CUSTODY RECORD

CALL LARGENTORY   Email: infe@contestlabs.com   ACCALL LARGENTORY   Email: infe@contestlabs.com   ACCALL LARGENTORY   Email: infe@contestlabs.com   ACCALL LARGENTORY   ACCALL LARGENTOR	A STATE OF THE STA					)
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W-381   10/25/2011   1401   x   0   U		Client Sample ID / Description	Beginning Date/Time	ing *Matrix	PCBs	S=summa can T=tedlar bag
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W-383   10/25/2011   1359   x   0   U	83	W-382		X		4C)*E)(1920°10**
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10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:    H - High; M - Medium; L - Low; C - Clean; U - Unknown   10/25/2011   Massachusetts:   15 your project MCP or RCP ?	2	W-384		х		M = Methanol
10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:    H - High: M - Medium: L - Low; C - Clean: U - Unknown   Massachusetts:   Syour project MCP or RCP?		arminosta de la composito de l	10/25/2011			N = Nitric Acid S = Sulfuric Acid
10/25/2011  10/25/2011  10/25/2011  10/25/2011  10/25/2011  10/25/2011  10/25/2011  10/25/2011  10/25/2011  Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  H - High; M - Medium; L - Low; C - Clean; U - Unknown  Date/Time:  Date/Time: Date/Time: Nassachusetts: Syour project MCP or RCP?  Date/Time: Nassachusetts: O MCP Form Required O RCP Form Required O MA State DW Form Required PWSID		AND THE PROPERTY OF THE PROPER	10/25/2011			B = Sodium bisulfate
10/25/2011   10/25/2011   10/25/2011   10/25/2011   10/25/2011   Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:    H - High; M - Medium; L - Low; C - Clean; U - Unknown   Massachusefts:   S your project MCP or RCP ?		NOTAL PROPERTY OF PROCEEDINGS TO SERVICE TO	10/25/2011			T = Na thiosulfate
10/25/2011  10/25/2011  Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  H - High; M - Medium; L - Low; C - Clean; U - Unknown  Date/Time: Turnaround ** Detection Limit Requirements   Is your project MCP or RCP ?  Date/Time: Other soav Date/Time: RUSH ** Connecticut: Connect		With the time of the particular property and the particular property and the particular	10/25/2011			O ≈ OTher Hexane
Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  H - High; M - Medium; L - Low; C - Clean; U - Unknown  Turnaround **I** Date/Time: Turnaround **I** Date/Time: O 10-Day Date/Time: O MASsachusetts: O MCP Form Required O MA State DW Form Required		ATTENDED TO THE PROPERTY OF TH	10/25/2011			*Matrix Code:  GW= groundwater
Please use the following codes to let Con-Test know if a specific sample may be high in concentration in Matrix/Conc. Code Box:  H - High; M - Medium; L - Low; C - Clean; U - Unknown  Date/Time: ☐ 7-Day  Date/Time: ☐ 10-Day  Other sox  Date/Time: ☐ 10-Day  Date/Time: ☐ 10-Day  Other sox  Connecticut: C		AND THE REAL PROPERTY OF THE P	10/25/2011			WW= wastewater
Date/Time: Turnaround T Detection Limit Requirements Is your project MCP or RCP?  Date/Time: Other 5-02Y  Date/Time: Other 5-0	onninens:			Please use the may t	e following codes to let Con-Test know if a specific se high in concentration in Matrix/Conc. Code Box	
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10-27-17 ⁻¹ 74-Hr ⁻¹ 48-Hr		Date/Time	\ <u>@</u> 22		O RCP Form Required	
	STATE OF THE STATE	and 2 in Old Confirmentation	24-Hr □ [†] 48-H		N ACCOR	

IS INCORRECT, TURNAROUND TIME WILL NOT START UNTIL ALL QUESTIONS ARE ANSWERED BY OUR CLIENT. TURNAR OUND TIME STARTS AT 9:00 A.M. THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON YOUR CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR Date/Time: | D 172-Hr D 14-Day | Other: | | S 145 | 1 Require lab approval | Other: | WBE/DBE Certified

TSCA

Received by: (signature)

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

**NELAC & AIHA Certified** 

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com





# Sample Receipt Checklist

CLIENT NAME: Resource	Controls	RECEIVED BY:	C.C-S. DATI	E: 10/27/11			
1) Was the chain(s) of custody relin	nouished and sion	ed?	Wes No No	CoC Included			
2) Does the chain agree with the sa	-		Yes No	ooc meladed			
3) Are all the samples in good cond If not, explain: Co. lo.		iars	Yes (No)				
If not, explain: (a) low were the samples received:		<i>y -</i>					
On Ice Direct from Sam	pling	Ambient	In Cooler(s)				
Were the samples received in Temp	perature Compliar	nce of (2-6°C)?	(Yes) No N/A				
Temperature °C by Temp blank		Temperature °C by	Temp gun	16°C			
5) Are there Dissolved samples for	the lab to filter?		Yes (No)				
Who was notified	Date	Time					
6) Are there any RUSH or SHORT H	OLDING TIME sar	nples?	Yes (Nø				
Who was notified	Date	Time					
7) Location where samples are stored:	19	(Walk-	ssion to subcontract in clients only) if not Signature:				
Cor	<u>itainers rec</u>	eived at Co	n-Test				
BERNALDAG	# of containers			# of containers			
1 Liter Amber		8 oz ai	mber/clear jar	" Or containers			
500 mL Amber		63660000	mber/clear jar	24			
250 mL Amber (8oz amber)		2 oz ar	2 oz amber/clear jar				
1 Liter Plastic		Air	Cassette				
500 mL Plastic		Hg/Hc	pcalite Tube				
250 mL plastic		Plastic	Bag / Ziploc				
40 mL Vial - type listed below		PM 2	2.5 / PM 10				
Colisure / bacteria bottle		PUF	F Cartridge				
Dissolved Oxygen bottle	······································		SOC Kit				
Encore		TO	-17 Tubes				
Flashpoint bottle		Non-Cor	Test Container				
Perchlorate Kit		Oth:	er glass jar				
Other			Other				
Laboratory Comments: 363,368,369,372,3	73,376,3	77 had lab	els fall of	2 <b>f</b>			
40 mL vials: # HCI	# Methanol		Time a	and Date Frozen:			
# Bisulfate	# DI Water	M-1					
# Thiosulfate	Unpreserved						
Do all samples have the proper Acid	······································	N/A		Doc# 277			
Do all samples have the proper Bas	se pH: Yes No	N/A		Rev. 1 May 2 Page 29 of 29			

# **APPENDIX C**

**Waste Disposal Documentation** 

MAR	signed for use on alite (42-pitch) typewriter)			T.,	To Contract of the Contract of			Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, whi	
OHJEGER !	NON-HAZARDOUS WASTE MANIFEST		's US EPA ID No. -7 -6 -3 -5 -8 -7 -8	Manifest Doc. I		o 1 NI	HWI	M 029	522
	Generator's Name and Mailing Address Boston Public Schools 1216 Dorchester Ave Office of Fac Dorchester, MA 02125				1 W	ard J. Murp arrell Street thester, MA	t	mentary Schoo	
	Transporter 1 Company Name	933090	6. US EPA	ID Number	1	nsporter's Ph	one 28-809	ıΩ	
	Triumvirate Environmental, Inc.		M. A. D. 9 .8 .5	.2 .8 .6 .9 & .		nsporter's Pl			
7.	Transporter 2 Company Name								
9.	Designated Facility Name and Site Address		10. US EPA	ID Number	C. Fac	ility's Phone			
	Triumvirate Environmental (Merrim	ack), Inc.				(978)	453-7	772	
	263 Howard Street Lowell, MA · 01852		M. A. D. 0 . 4 . 7	.0 .7 .5 .7 3	.4	T		10	1 44
11	. Waste Shipping Name and Description					12. Conta	ainers Type	13. Total Quantity	14. Unit Wt/Vo
a.	Non-DOT, Non-RCRA Regulated I	Material (Debris	s w/<50ppm PCB)			002	C F	00250	Р
b.									
<b>c</b> .							<u> </u>		
						<u> </u>	·-		_
d.									
D.	Additional Descriptions for Materials Listed A	Above			E. Ha	ndling Codes	s for Wa	stes Listed Above	)
	Additional Descriptions for Materials Listed A $\frac{1}{2}$ . Special Handling Instructions and Additional $\frac{1}{2}$ a - $\frac{1}{2}$ x Cubic Yard B	I Information	Emergency Contact: Debris b - c -	: Triumvirate Enviro		ndling Codes			
15	5. Special Handling Instructions and Additional $a - (2 \times Cubic Yard B)$	Information  Box ) Caulk &	Debris b- c-	d -	onmental.	800 9	66 9	282	ciassified
15	5. Special Handling Instructions and Additional  a - (2 x Cubic Yard B  6. GENERATOR'S CERTIFICATION: I hereby of packed, marked, and labeled, and are in all res  Printed Typed Name	Information  Box ) Caulk &	Debris b- c-	d -	onmental.	800 9	66 9	282 ng name and are nmental regulation	ciassified
15	5. Special Handling Instructions and Additional  a - (2 x Cubic Yard B  6. GENERATOR'S CERTIFICATION: I hereby of packed, marked, and labeled, and are in all res  Printed/Typed Name	I Information  Box ) Caulk & declare that the conspects in proper	Debris b - c -	d -	onmental.	800 9	66 9	ng name and are nmental regulation	classified 3. 20 /
16	5. Special Handling Instructions and Additional  a - (2) x Cubic Yard B  5. GENERATOR'S CERTIFICATION: I hereby of packed, marked, and labeled, and are in all res  Printed/Typed Name  Transporter 1 Acknowledgement of Receipt  Printed/Typed Name	Information  Box ) Caulk & declare that the corpects in proper control of Materials	Debris b - c -	d -	onmental.	800 9	66 9	ng name and are nmental regulation Month	ciassified 3.
16	5. Special Handling Instructions and Additional  a - (2) x Cubic Yard B  5. GENERATOR'S CERTIFICATION: I hereby of packed, marked, and labeled, and are in all res  Printed/Typed Name  Transporter 1 Acknowledgement of Receipt  Printed/Typed Name	Information  Box ) Caulk & declare that the corpects in proper control of Materials	Debris b - c -  Intents of this consignment at dition for transport by highwar Signature	d -	onmental.	800 9	66 9	ng name and are mental regulation.  Month  Month  Month	ciassified s.
16	5. Special Handling Instructions and Additional  a - (2) x Cubic Yard B  5. GENERATOR'S CERTIFICATION: I hereby of packed, marked, and labeled, and are in all res  Printed/Typed Name  7. Transporter 1 Acknowledgement of Receipt  Printed/Typed Name	Information  Box ) Caulk & declare that the corpects in proper control of Materials	Debris b - c -  Intents of this consignment au dition for transport by highwa  Signature	d -	onmental.	800 9	66 9	ng name and are nmental regulation.	ciassified s.
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16	5. Special Handling Instructions and Additional  a - (2) x Cubic Yard B  6. GENERATOR'S CERTIFICATION: i hereby of packed, marked, and labeled, and are in all resembled. Transporter 1 Acknowledgement of Receipt Printed/Typed Name  8. Transporter 2 Acknowledgement of Receipt Printed/Typed Name	Information  Box ) Caulk & declare that the corpects in proper control of Materials	Debris b - C -  Intents of this consignment at dition for transport by highwar Signature  Signature  Signature	d - re fully and accurately y according to applicab	described at le internation	800 9	66 9	ng name and are not requisition.  Month  Month  Month	classified, s. Yes

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	r E	GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this marked and labeled/placarded, and are in all respects in proper condition for transport acc Exporter, I certify that the contents of this consignment conform to the terms of the attache I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large	ording to applicable in d EPA Acknowledgme	ernational and nation	onal governm	ental regulations.	oping name If export shi	, and are clas pment and I a	sified, packa m the Prima	iged, iry
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FOR MANIFESTED PCB WASTE

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

ayne Disposal, Inc.

(EPA I.D. # MID048090633)

in accordance with all local, state and federal regualtions by:

Line Item

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is true accurate and complete having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information Authorized Signature: ument for which I cannot personally verify truth and accuracy. I certify as the company official it the information contained in or accompanying this document is true, accurate and complete. As aw for the making or submission of false or fraudulent statements or representations (18 U.S.C.

THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

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have been properly disposed of in accordance with all local, state and federal regulations.

"Disposed of" means either: 1) Burial or 2) Processed as specified in 40 CFR et sea.

FACILITY NAME: (Please check one)

Michigan Disposal Waste Treatment Plant (EPA 1.D. # MID000724831)

Wayne Disposal, Inc. (EPA I.D. # MID048090633)

ADDRESS:

49350 N. I-94 Service Drive Belleville, Michigan 48111

PHONE NUMBER:

1-800-592-5489

FAX NUMBER:

1-800-593

Authorized Signature:

The electronic version of this document is the controlled version. Each user is responsible for ensuring that any document being used is the current version.

DESIGNATED FACILITY TO GÉNERATOR

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# Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111 Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

is true accurate and complete to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As

Authorized Signature:



THE ENVIRONMENTAL QUALITY COMPANY 49350 N. I-94 SERVICE DRIVE BELLEVILLE MICHIGAN 48111

DESIGNATED FACILITY TO GENERATOR

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039 UNIFORM HAZARDOUS 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone 4. Manifest Tracking Number MV6176358781 WASTE MANIFEST 5. Generator's Name and Mailing Address Generator's Site Address (if different than mailing address) Richard J. Murchy Elementary School Boston Public Schools 1216 Dorchester Ave 1 Warrell Street Dorchester, MA 02125 Dozchester, MA 02204 6172933898 affir Joff Lane Generator's Phone: 6. Transporter 1 Company Name U.S. EPA ID Number Trinthvirate Engrantmantal, Inc. MADVES 7. Transporter 2 Company Name U.S. EPA ID Number 5 44 0 0 1M 8. Designated Facility Name and Site Address E. J. - Wayrie Disposal, inc. 49350 North I-94 Service Drive U.S. EPA ID Number Bellville, MI 48111 MI D0 48 0 9 0 6 3 3 (800) 592-5489 Facility's Phone: 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, 10. Containers 11. Total 13. Waste Codes and Packing Group (if any)) ΗМ Quantity Wt./Vol. No. Туре UN3432, RQ: Polychlorinated biphenyls, solid 9, 11 MAGZ PCBI GENERATOR The transfer of the state of the same production and S ( ) ( ) 14. Special Handling Instructions and Additional Information (4) x Outile Yard Box ) H05057WDI 3... 4 -15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true Generator's/Offeror's Printed/Typed Name Year 16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S. Transporter signature (for exports only): 17. Transporter Acknowledgment of Receipt of Materials TR ANSPORTER Transporter 1 Printed/Typed Name Day Transporter 2 Printed/Typed Name Signature Month Year 18. Discrepancy 18a. Discrepancy Indication Space Туре Partial Rejection Quantity _ Residue __ Full Rejection Manifest Reference Number: 18b. Alternate Facility (or Generator) U.S. EPA ID Number DESIGNATED FACILITY Facility's Phone: 18c. Signature of Alternate Facility (or Generator) Month Day Year 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name: Signature

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

# FOR MANIFESTED PCB WASTE

RB 5/10 This certificate is to verify the wastes identified as

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# Wayne Disposal, Inc.

(EPA I.D. # MID048090633)

49350 N. I-94 Service Drive, Belleville, Michigan 48111

Telephone: 1-800-KWALITY (592-5489)

Fax: 1-800-KWALFAX (592-5329)

1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate and complete. As Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. to the identified section(s) of this document for which I cannot personally verify truth and accuracy. I certify as the company official having supervisory responsibility for the persons who are acting under my direct instructions made the verification that this information is true accurate and complete.

Authorized Signature: ____

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### **APPENDIX D**

Certifications

### Certification

The undersigned owner of the property where the cleanup site is located and the party conducting the cleanup certify that all sampling plans, sampling collection procedures, sample preparation procedures, extraction procedures and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the cleanup site are on file at the location indicated below and are available for EPA inspection, as set forth below.

### **Document Location:**

Boston Public Schools Planning and Engineering - Environmental Division 1216 Dorchester Avenue Dorchester, Massachusetts 02125-1504

**Property Owner and Party Conducting the Cleanup:** 

Name of Authorized representative (print)

ed Signature

Engitonmental Specialist



August 25, 2010

Mr. Jefrey Lane Environmental Specialist Boston Public Schools Planning and Engineering – Environmental Division 1216 Dorchester Avenue Dorchester, Massachusetts 02125-1504

RE: Certification Statement for PCB Risk-Based Approval Conditions for Boston Public Schools, Richard J. Murphy School, 1 Worrell Street, Dorchester, Massachusetts

Dear Mr. Lane:

Con-Test Analytical Laboratory has read and understands the extraction, analytical and Quality Assurance/Quality Control requirements for samples associated with the PCB Cleanup and Disposal project at the above referenced site as described in the Notification of Approval of the proposed PCB Clean-up - dated July 29, 2010. As specified in the Approval, dated July 29, 2010, analytical method SW846 8082 will be conducted for the analysis of all PCBs. Extraction method SW846 3540C will be utilized for solid matrices, including caulking and wipes.

Please contact the laboratory if you have any additional questions. Thank you.

Sincerely,

CON-TEST ANALYTICAL LABORATORY

Michael Erickson Laboratory Director

M Cule

Mr. Jeffrey Lane **Environmental Specialist Boston Public Schools** Planning and Engineering-Environmental Division 1216 Dorchester Avenue Dorchester, MA 02125-1504

RE: US EPA Risk Based PCB Cleanup and Disposal Approval

Under 40 CFR 761.61(c) and 761.79(h)

Richard J. Murphy School

Dorchester, MA

Mr. Lane,

Triumvirate Environmental, Inc. (Triumvirate) of 61 Innerbelt Road, Somerville MA 02143 hereby acknowledges receipt of the US EPA's Conditional Approval document for PCB removal and decontamination activities at the Richard J. Murphy School dated July 29, 2010. As the selected abatement contractor, Triumvirate does hereby attest that the conditions set forth in the agreement document have been reviewed and will be strictly adhered to for the portions of work that Triumvirate has been contracted to conduct. Further, all work conducted by Triumvirate and its subcontractors shall be in strict compliance with the rules and regulations set forth by the Massachusetts DEP / DOS, the Toxic Substance Control ACT (TSCA), and RCRA and DOT regulations.

Should you need any further clarification, do not hesitate to contact me directly at (617) 799-2513 or DHofer@triumvirate.com.

Best Regards,

Doug Hofer

Dong Hofer

Field Services Supervisor

CC: Kimberly N. Tisa, US EPA

Jesse Krawiec, Resource Controls

### APPENDIX E

Triumvirate Pilot Study Work Plan dated April 14, 2010



## PROVIDING LONG-TERM, INNOVATIVE SOLUTIONS

4/14/2010

Attn: Jesse Krawiec

Resource Controls Associates, Inc.

474 Broadway Pawtucket, RI

RE: Pilot Study Work Plan

**PCB Caulking Remediation Project** 

Richard J. Murphy School Boston Public Schools 1 Warrell Street

Dorchester, MA

### PCB Caulking Remediation Pilot Study Work Plan

- 1. Health and Safety, Site Preparation and Containment Installation
  - a. Mobilize a three man field service team to the site experienced with PCB abatement projects. Field service crew with have current HAZWOPER training and refreshers as required by OSHA.
  - b. Mobilize an off-road boom lift to the site to provide access to aerial work locations. When working at a height of greater than six feet, OSHA compliant fall protection will be utilized.
  - c. In conjunction with Resource Controls Associates, Inc. (Engineer), Triumvirate will assess proposed pilot study work locations and associated perimeter air monitoring locations so that containment activities can be conducted accordingly.
    - It is understood that first area that is to be completed is located at the front of the building near that faculty parking lot. This area requires completion by close of business on day one of the pilot test activities that expected to commence on Monday, April 19th.
    - ii. Additional areas will be determined on site amongst the Engineer and Triumvirate.
  - d. Install containment and site protection measures at each of the locations in preparation for abatement activities. At a minimum, site preparation activities shall consist of the following:
    - i. A partial containment will be installed around the perimeter of the boom lift to prevent migration of dusts and debris from caulking removal operations.
       Containment will consist of 6 mil polyethylene (poly) sheeting that will be



installed utilizing duct tape. The floor, three walls, and ceiling of the lift will be contained, leaving the work zone unprotected for access to the building (see image 1).



### Image 1

ii. 6 mil poly sheeting will be installed around the perimeter of exterior windows in the work zone, i.e. "critical air path containment" (See image 2). Sheeting will be cut to size and sealed with duct tape around the metal window frame to prevent fugitive dusts from entering the building through window joints / cracks.





### Image 2

- iii. 6 mil poly sheeting will be installed beneath the work zone on the ground as a secondary protection measure to prevent migration of PCB containing materials.
- e. Perform a health and safety briefing prior to the start of the work to review the site hazards and discuss the controls that will be utilized on the project.
  - i. HASP review shall include monitoring procedures and applicable action levels as they apply to the project.
  - ii. Review of chemical hazards associated with polychlorinated biphynels (PCBs) and applicable chemicals to be utilized on the project.
  - iii. Review required personal protective equipment and engineering controls to be utilized for the project. PPE shall a minimum consist of Level C, including a full face respirator and organic vapor cartridges.
  - iv. Review specific site limitations associated with conducting the work at a public school as it pertains to public safety and perception.

### 2. Caulking Removal Operations

a. A primary focal point of the pilot test activities for the purposes of this project are to determine the best management practices for removal of PCB contaminated caulking material. Depending on the nature of the caulk (brittle v. flexible, extent to which it has adhered to the substrate, weather conditions, etc.) a variety of techniques can be utilized that will be tested as part of this study. Methods will be tested on the different work zones on varying caulk types.



- i. Power Tools
  - 1. Hammer drill with varying bits
  - 2. Reciprocating saw with a blade conducive to caulk removal operations
  - 3. Power "knife"
- ii. Hand Methods
  - 1. "knifing"
  - 2. Hand chisels/ scrapers
- b. Advantages / disadvantages of both methods will be observed. Power tool methods are more effective and efficient; however they can generate increased dust and noise pollution. Methods will be reviewed against the site conditions to determine the most appropriate techniques for the site.
- c. Material removed will be placed in DOT rated 55 gallon storage drums and temporarily staged on site. PCB impacted materials will be transported and disposed to a licensed facility in accordance with TSCA, RCRA and DOT regulations.

### 3. Chemical decontamination

- a. Pilot study activities will also seek to confirm the effectiveness and limitations of chemical decontamination solutions on materials adjacent to calking that may be impacted. Chemical decontamination solutions shall include:
  - i. Integrated Technologies "Capsur" PCB extraction system
  - ii. Tri-sodium phosphate (TSP)
- b. Effectiveness and drawbacks for each of the proposed materials will be assessed. Capsur is aggressive and may impact the surface of adjacent areas. Further, it emits a strong odor that may be offensive to building occupants. TSP may or may not be effective at removal of PCB contamination this will be confirmed with wipe samples to be collected by the Engineer. See Image 3 for a typical application.





### Image 3

- 4. Encapsulation of Porous Contaminated Areas
  - a. Porous materials (brick, concrete, mortar) adjacent to PCB impacted caulking may not be able to be effectively decontaminated. These materials may require encapsulation techniques to prevent exposure of the PCBs to passersby or the surrounding environment.
  - b. Previous experiences suggest that Sikaguard 62 two-part epoxy is most effective in these applications. This material will be applied to adjacent surfaces for confirmation testing and inspection, including an inspection of the aesthetics of the application. See image 4 for a typical application.



Image 4

### 5. Re-Installation of Caulking

- a. Upon completion of removal / decontamination / encapsulation of the environmentally hazardous material, the work zones will be turned over to a Subcontractor for the reapplication of caulking material in areas where the material was previously removed.
- b. The areas will be separately cleared for access by non-environmentally trained contractors upon receipt of wipe sample results and confirmation of containment barrier effectiveness.
- c. Subcontractor will install a bead of Sikaflex silicone caulking (or equivalent) to match the joint conditions prior to caulking removal.

### **APPENDIX F**

**Monitoring and Maintenance Implementation Plan** 

# Monitoring & Maintenance Implementation Plan (MMIP) Richard J. Murphy School 1 Worrell Street, Dorchester, Massachusetts January 10, 2012

### 1.0 INTRODUCTION

Resource Control Associates, Inc. (Resource Controls) has prepared the enclosed Monitoring and Maintenance Implementation Plan (MMIP) for the property located at 1 Worrell Street in Dorchester, Massachusetts (the Site) and is provided as Appendix E of the PCB Caulking Removal Closeout Report. This MMIP describes monitoring and maintenance actions to address management of surface coatings of encapsulants applied to PCB-containing substrates and PCB-contaminated adjacent substrates following PCB abatement activities conducted at the Site.

### 2.0 MONITORING AND MAINTENANCE IMPLEMENTATION PLAN

The Monitoring and Maintenance Implementation Plan (MMIP) shall address notification, surveillance, work controls, work practices, record keeping, and training. However, since this MMIP assumes no building employee will disturb PCB-containing caulking and/or PCB-impacted surfaces, worker protection is excluded from this MMIP. Should disturbance of PCB-containing materials be required, the contractors shall be directed and then responsible for providing worker protection for their staff and to ensure the safety of facility personnel and occupants during the course of any project.

### 3.0 PLAN OBJECTIVE

The principal objective of this MMIP is to minimize exposure of the building occupants to PCB-containing caulking and/or PCB-impacted surfaces. To accomplish this objective, the MMIP includes work practices designed to maintain PCB-containing caulking and/or PCB-impacted surfaces in good condition, ensure proper cleanup of PCBs if released, prevent release of PCBs, and to monitor the condition of the PCB-containing caulking and/or PCB-impacted surfaces. The MMIP also includes training of custodial and maintenance staff relative to proper management of PCB-containing caulking and/or PCB-impacted surfaces.

### 4.0 MMIP PERSONNEL & TRAINING

The MMIP Program Manager will be assigned by Boston Public Schools. The MMIP Program Manager is currently Mr. Jeffery Lane, who can be reached at 617-635-8300. The O&M Manager may choose to identify a properly trained individual as the MMIP Program Coordinator, for certain specific tasks.

### **MMIP Program Manager**

As a minimum, the MMIP Program Manager shall be a trained in the identification of suspect PCB-containing building materials and shall be informed as to the health effects and proper best management practices for the proper handling of PCB-containing building materials.

### **Construction and Repair Contractors**

If the MMIP Program Manager determines that construction or repair work will be performed in an area where PCB-containing caulking and/or PCB-impacted surfaces are known to exist, the contractor shall have proper training, including but not necessarily limited to, medical testing and a minimum of 40 hours of OSHA training. The MMIP Program Manager shall verify the credentials and training records of any construction and repair contractor performing work at this facility.

### 5.0 PERIODIC INSPECTION & SAMPLING

To ensure compliance with the remedial goals described in the Risk Based Cleanup & Disposal of PCB Waste Plan, Boston Public Schools shall conduct periodic visual inspections and wipe sampling of the encapsulated areas of the building. The purpose of the inspections and wipe samples shall be to ensure that PCBs are not leaching through the encapsulant and exposing human receptors or the environment to the residual PCBs remaining at the Site. This re-inspection will evaluate the current condition of PCB-contaminated substrates and the encapsulant to determine the degree of any damage that may exist and the likelihood of any PCB release(s) that may exist. The results of the re-inspections will be documented on the Periodic Inspection Form, included as Appendix A.

For areas encapsulated with two coats of contrasting color encapsulant, visual inspections shall be conducted twice per year. Wipe samples shall be collected on an annual basis from 25% of the areas encapsulated with two layers of contrasting color.

For areas encapsulated with two coats of clear encapsulant, visual inspections and wipe sampling shall be conducted four times per year for the first year and then twice per year. Wipe samples shall be collected from 25% of the areas encapsulated with clear encapsulant.

The initial verification wipe samples shall be collected just after the epoxy coating has cured. For this initial verification sampling the following samples shall be collected:

- Up to three (3) samples from the colored epoxy on corner vertical expansion joints;
- Up to three (3) samples from the clear epoxy on corner vertical expansion joints;
- Up to ten (10) samples from the colored epoxy on concrete casing surrounding semicircle windows;
- Up to 20 samples from the clear epoxy on concrete window sills;
- Up to twelve (12) samples from the colored epoxy on vertical expansion joints; and
- Up to twelve (12) samples from the clear epoxy on vertical expansion joints.

Additional details regarding the verification sampling plan are provided below:

- All samples will be transported to the laboratory under standard chain of custody procedures, extracted using USEPA Method 3540C (Soxhlet extraction), and analyzed for PCBs using USEPA Method 8082.
- In addition to the primary samples indicated above, duplicate and field equipment blank samples will be collected at a frequency of one per twenty primary samples. These samples will be submitted to the laboratory as part of the QA/QC procedures associated with sample collection.
- Upon receipt of the analytical results, the sample data will be reviewed for QA/QC compliance.

Any visible indicator of the bottom coating for areas encapsulated with two layers of contrasting colors shall be considered a breach in the encapsulant and require the application of a new layer of outer encapsulant. Any visible indication of wear on the areas encapsulated with the clear encapsulant shall be considered a breach in the encapsulant and require the application of a new layer of outer encapsulant.

PCBs detected above the reporting limit for the wipe samples shall be considered a breach in the encapsulant and require the decontamination of the surface with Capsur and the application of a new layer of outer encapsulant.

### 6.0 ADMINISTRATIVE CONTROLS

This MMIP institutes a program to control work activities that could damage PCB-containing caulking and/or PCB-impacted surfaces at the facility. This program will use a work permit system which requires the person requesting the work to complete the portion of the Job Authorization Form included in Appendix A and submit the form to the facility MMIP Program Manger before any maintenance work can be performed in the PCB-containing caulking and/or PCB-impacted surfaces containing area. The Job Authorization Form lists the type and location of maintenance work needed and any information on PCB-containing caulking and/or PCB-impacted surfaces in the area of the planned work. The contractor or other person authorized to conduct the work shall be identified on the Job Authorization Form.

Upon receiving the form, the facility MMIP Program Manager shall follow these guidelines:

- Fill out job authorization portion of the form.
- Refer to written records, including the PCB-Containing Materials Inspection Report and this document, to determine whether PCB-containing caulking and/or PCB-impacted surfaces is located in the area where the work will take place. If PCB-containing caulking and/or PCB-impacted surfaces are present in the work area, but it is not anticipated that the PCB-containing caulking and/or PCB-impacted surfaces will be disturbed, note the presence of the PCB-containing caulking and/or PCB-impacted surfaces on the form and provide additional conditions and work practices.
- If PCB-containing caulking and/or PCB-impacted surfaces are present and likely to be disturbed, the MMIP Program Manager shall contract with a properly trained contractor to perform any PCB-related tasks.
- The determination made by the MMIP Program Manager shall be recorded on the form, which is then sent to the in-house maintenance personnel or the contractor authorized to perform the work.
- The MMIP Program Manager shall make sure that a copy of each Job Authorization Form is placed in a permanent file.
- If PCB-containing caulking and/or PCB-impacted surfaces are present and likely to be disturbed and the task is approved by the MMIP Program Manager, he shall visit the work site when the job begins to be certain that proper work practices have been implemented. The observations shall be recorded on a Job Execution Form, included in Appendix A. Any deviation from the approved work practices shall be recorded immediately on this form and the practices shall be corrected immediately. Upon completion of the work, the evaluation form shall be placed in the permanent file.

The MMIP Program Manager shall notify the appropriate building occupants where PCB releases may occur and where PCB-containing caulking and/or PCB-impacted surfaces are known to be present, such as behind an electrical conduit box, underneath the metal window overhang along Roof Wall 5 and behind a high temperature pipe in the corner of Wall 18 and Wall 19. Typical Notification forms for occupants and workers, including any contractor or tenant involved in any renovation or demolition activity, are exhibited in Appendix A. The MMIP Program Manager shall be responsible for notifying building occupants of the location of known and presumed PCB-containing caulking and/or PCB-impacted surfaces, as well as respond to any questions or complaints related to PCB-containing caulking and/or PCB-impacted surfaces at the facility. The notification shall be achieved by means of written notifications to building occupants, including tenants, prospective tenants, employees, service, repair and general contractors, and labeling in areas known to contain PCB-containing caulking and/or PCB-impacted surfaces.

The MMIP Program Manager shall assure that the following <u>restricted activities</u> do not take place:

- All drilling, hammering, sanding, grinding or any other construction or renovation activity that would disturb or impact the PCB-containing caulking and/or PCB-impacted surfaces at the facility.
- All activities that would impact positively identified PCB-containing caulking and/or PCB-impacted surfaces, including dust and loose debris where PCB-containing caulking and/or PCB-impacted surfaces may be present.

### 7.0 WORK PRACTICES

Only the most basic of custodial tasks in PCB-containing caulking and/or PCB-impacted surfaces areas will be approved by the MMIP Program Manager. All MMIP procedures involving maintenance, renovation, or emergency responses beyond the basic procedures outlined below, will be contracted to qualified environmental consulting firms and/or contractors. For this reason, a respiratory protection program will not be required as part of this MMIP.

The basic MMIP procedures will be limited to wet-cleaning methods on building surfaces.

Maintenance procedures, including the general housekeeping procedures mentioned above, can be placed in one of three categories as follows:

- 1. Procedures which are unlikely to involve any direct disturbance of PCB-containing caulking and/or PCB-impacted surfaces; for example, cleaning floors or shelves with a damp cloth.
- 2. Procedures which may cause accidental disturbance of PCB-containing caulking and/or PCB-impacted surfaces; for example, drilling holes in an area of drywall where PCB-containing caulking and/or PCB-impacted surfaces may be present.
- 3. Procedures which involve intentional, small-scale manipulation or disturbance of PCB-containing caulking and/or PCB-impacted surfaces or of barriers that prevent exposure of these materials; for example, pipe repairs, or drilling holes in an area of the ceiling or walls where PCB-containing caulking and/or PCB-impacted surfaces is known to be present.

The MMIP Program Manager will not approve the second and third categories above. Only qualified contractors can perform those activities. The MMIP Project Manager will only approve the cleaning functions covered under the first item above.

As mentioned under the worker notification section of this MMIP, certain activities within the building shall be restricted. These activities include anything that would be likely create a release from the PCB-containing caulking and/or PCB-impacted surfaces. These activities and any similar activities have the potential to expose and disturb PCB-containing caulking and/or PCB-impacted surfaces.

Other activities may occur in the vicinity of the PCB-containing caulking and/or PCB-impacted surfaces that can cause damage to PCB-containing caulking and/or PCB-impacted surfaces and may result in a release. For example, maintenance and custodial staff may damage PCB-containing caulking and/or PCB-impacted surfaces accidentally with ladders while performing routine tasks. Such accidental damage may also result from building occupants during routine work activities within the facility. All of these activities shall be carefully controlled by use of work controls and occupant notification as described. If minor damage takes place, approved cleaning practices may be authorized by the MMIP Program Manager. For the purposes of this MMIP, minor damage is defined as damage to small amounts (i.e., less than 1 square foot).

MMIP approved cleaning practices include the use of wet-wipe cleaning of surfaces such as floors and other horizontal surfaces. For example, proper MMIP cleaning will involve the use of wet-cleaning (mopping) practices to pick up dust or debris. Dry sweeping or dusting can result in migration of dust impacted with PCBs. Wet cloths, rags, or mops that have been used to pick up suspect PCB-containing material or debris shall not be allowed to dry but immediately placed inside a plastic bag and sealed. The MMIP Program Manager must be consulted on proper disposal methods for each task or instance where PCB disposal is necessary.

In all but the most minor of incidents, a qualified environmental consultant shall be retained to evaluate and make recommendations. In the event of an accidental release, the area of the release shall be immediately isolated by closing doors or by evacuation of the immediate area of the building. Signs must be posted as necessary directly outside the affected area. The cleanup of such a release shall then be performed only by a qualified contractor.

### 8.0 MMIP RECORD KEEPING

All of the management documents discussed in this MMIP, including the plan itself and the results from reinspections of the building, shall be stored in permanent files. In this MMIP, no activities trigger OSHA related work requirements and no records of personal air monitoring, medical examinations, etc., are required. Resource Controls recommends that all written elements of the MMIP program be made available to the MMIP staff as well as to tenants and other building occupants.

### 9.0 PUBLIC INVOLVEMENT

Boston Public Schools shall conducted public involvement activities related to the remediation of PCB-containing materials and the MMIP for this Site. A fact sheet shall be prepared for distribution to parties that will be present in the building during the remediation activities. In addition, a letter shall be attached to the Boston Public Schools hand book given to the students and faculty of the Murphy School stating that PCB-contaminated materials are present in the building and managed under an MMIP and informing them how to obtain additional information. Copies of the fact sheet and letter shall be provided to the U.S. EPA Region 1 PCB Coordinator for review prior to distribution.

### 10.0 LIMITATIONS

This report in total has been prepared on behalf of and for the exclusive use of Boston Public Schools, solely for use in an environmental evaluation of the subject property. This report or any part thereof, may not be altered, used, relied upon or reproduced by any party other than Boston Public Schools, without first obtaining written permission from Resource Control Associates, Inc. Conclusions stated herein are based on the available information summarized herein and refer only to the specific subject property investigated. No warranty is implied or given and the report is subject to the agreement for the work, including the Standard Terms and Conditions attached to said agreement, as well as Additional Limitations bound herein.

### **APPENDIX A**

### **Monitoring & Maintenance Implementation Forms**

Periodic Inspection Form,

Job Authorization Form

Job Execution Form

Typical Notification Forms

### PERIODIC INSPECTION OF PCB-CONTAINING MATERIALS

1.	Report Filed By:	
	Name: Date:	
	Position: Phone:	
2.	Location of PCB-containing material (address, building, room, or general description):	
3.	Type of PCB-containing materials:	
4.	Assessment of Damage:	
5.	a. Evidence of Physical Damage:  b. Evidence of Water Damage:  c. Evidence of Delamination Other Damage:  d. Degree of Accessibility of Material:  e. Degree of Activity Near the Material:  f. Location in an air plenum, air shaft, or air stream:  g. Other observations (including the condition of the encapsulant or enclosure, if any):  Response Necessary: No; Yes, Describe Recommended Action:  Cause of Damage (if observed):	
	SUBMIT TO MMIP PROGRAM MANAGER	
Re Pla	ponse Priority:	
	ponse Assigned to:	
SIE	icu	

MMIP Program Manager

### **JOB AUTHORIZATION FORM**

1.	Filed By:	
	Name: Date:	
	Position: Phone:	
2.	Description of Work Requested:	
	Requested Start Date: Anticipated Finish Date:	
2		
3.	Description of PCB-containing materials that might be affected:	
	SUBMIT TO MMIP PROGRAM MANAGER	
For	n is to be submitted to the MMIP Program Manager a minimum of 30 days prior to Requested Start Date.	
	ACTION TAKEN BY MMIP PROGRAM MANAGER	
	Granted Granted With Conditions* Denied	
Co	ditions:	
Sig	ed:Date:	_
_	MMID Draway Managar	

MMIP Program Manager

### JOB EXECUTION FORM

1.	Filed By:		<u> </u>	
	Name:		Date:	
	Position:		Phone:	
2.	Description of Work Completed	:		
	Actual Start Date:	Actua	al Finish Date:	
3.	Description of any deviation			
4.	Description of PCB-containi	ng materials that was affected:		
		SUBMIT TO MMIP PROGRAI	M MANAGER	
For	rm is to be submitted to the MMII	Program Manager a minimum of 30	days following the comp	letion of the work.
	<u>ACKNO</u>	WLEDGEMENT BY MMIP P	ROGRAM MANAG	<u>ER</u>
Sig	gned:		2:	
	MMIP Program Manage	r		

### TYPICAL NOTIFICATIONS

## Sample Notice #1 Outside Service Company Representative Notice

A polychlorinated biphenyls (PCBs) containing materials monitoring and Maintenance (MMIP) Program has been established the Richard J. Murphy School located at 1 Worrell Street in Dorchester, Massachusetts. Because the mere presence of PCB-containing materials in a building does not pose a hazard, an MMIP program aims to manage the PCB-containing materials in-place. This MMIP program includes precautions to avoid disturbing the PCB-containing materials. The program also includes safe work procedures for when small amounts of PCB-containing materials must be disturbed to perform routine building operations and maintenance activities.

Your cooperation is essential for the implementation of this program. We ask that you become familiar with potential locations of PCB-containing materials (a brief summary of the materials is attached) and avoid any activities that may disturb them. Boston Public Schools have also established a notification/authorization system for any activities that may impact PCB-containing materials. If you determine that your contracted service may cause you to impact PCB PCB-containing materials, contact the Program Coordinator prior to initiating the job to ensure the area is either free of PCB-containing materials or the PCB-containing materials is properly repaired to minimize the potential for disturbance. If your activities in this building will require you to disturb PCB-containing materials, you must receive written authorization from the MMIP Program Manager. Your activities, including the use of qualified and protected workers, must comply with all applicable regulations and the MMIP program.

Please return a signed copy of this letter to acknowledge your understanding of this program and your intent to comply with applicable regulations.

If you have more specific questions regarding the potential to disturb asbestos, please contact the MMIP Program Manager. The MMIP program is available for your review in my office. I am also available for any questions or concerns you may have.

Sincerery,		
MMIP Program Manager		
NAME:	<u> </u>	
SIGNATURE:	DATE:	
TITLE:	_	
COMPANY:	_	

Sincerely

### **SAMPLE NOTICES**

### Sample Notice #2 Tenant Notification Letter

During the past several years there has been a lot of publicity about polychlorinated biphenyls (PCBs) in caulking and other building materials, creating a heightened public awareness of this potential health hazard. PCB-containing materials were commonly used in building construction until the late 1970s because of many beneficial properties. In anticipation of renovation activities to be conducted at the Richard J. Murphy School, located at 1 Worrell Street in Dorchester, Massachusetts, Boston Public Schools hired an environmental consulting firm to identify PCB-containing materials in that may be impacted and a brief summary of the materials is attached.

Because the mere presence of PCB-containing materials in a building does not pose a hazard, Boston Public Schools has established an Monitoring and Maintenance (MMIP) Program to manage PCB-containing materials in-place that will remain following the planned renovations. This MMIP program includes precautions to avoid disturbing PCB-containing materials. The program also includes safe work procedures for when small amounts of PCB-containing materials must be disturbed to perform routine building operations and maintenance activities.

Your cooperation is essential for the implementation of this program. We ask that you become familiar with potential locations of PCB-containing materials and avoid any activities that may disturb them. We have also established a notification/authorization system for tenant activities that may impact PCB-containing materials. This authorization/notification must be submitted to the building's MMIP Program Manager for approval 30 days before the start of work.

The MMIP program is available for your review in my office. I am also available for any questions or concerns you may have.

Sincerely,

MMIP Program Manager

### **APPENDIX G**

**Draft Deed Restriction** 

### ENVIRONMENTAL LAND USAGE RESTRICTION

This Declaration of Environmental Land Usage Restriction (Restriction) is made on this day of, 20 by [property owner], and its successors and/or assigns
(hereinafter, the "Grantor").
WITNESSETH:
WHEREAS, the Grantor (name) is the owner in fee simple of certain real property identified as [specify Plat, Lot(s), address, Boston, Massachusetts (the "Property"), more particularly described in Exhibit A (Legal Description) which is attached hereto and made a part hereof;
WHEREAS, the Property has been determined to contain building materials which contain polychlorinated biphenyls (PCBs);
WHEREAS, to prevent exposure to or migration of the PCBs and to abate hazards to human health and/or the environment, and in accordance with approval of a Risk-based PCB Cleanup and Disposal Plan by the U.S. Environmental Protection Agency, Region 1, PCB Coordinator, the Grantor desires to impose certain restrictions upon the use, occupancy, and activities of and at the Property;
WHEREAS, the Grantor believes that this Restriction will effectively protect public health and the environment from such contamination; and
WHEREAS, the Grantor intends that such restrictions shall run with the land and be binding upon and enforceable against the Grantor and the Grantor's successors and assigns.
NOW, THEREFORE, Grantor agrees as follows:
<b>A. Restrictions Applicable to the Property:</b> In accordance with the approved Risk-based PCB Cleanup and Disposal Plan, the activity of and at the property is restricted as follows:
i No encapsulated building materials at the Property shall be disturbed in any manner without written approval of a modification to the Risk-based PCB Cleanup and Disposal Plan by the US EPA;
ii The condition of the encapsulated building materials shall be monitored by visual inspection and wipe sampling every six (6) months;
iii The condition of the encapsulant shall be maintained as described in the Risk-based PCB Cleanup and Disposal Plan;

B. No action shall be taken, allowed, suffered, or omitted at the Property if such action or

i Create a risk of migration of the PCB;

omission is reasonably likely to:

- ii Create a potential hazard to human health or the environment; or
- Result in the disturbance of any engineered controls utilized at the Property, except as approved by the US EPA.
- **C. Emergencies:** In the event of any emergency which presents a significant risk to human health or to the environment, including but not limited to, maintenance and repair of utility lines or a response to emergencies such as fire or flood, the application of Paragraphs A (iii.-viii.) and B above may be suspended, provided such risk cannot be abated without suspending such Paragraphs and the Grantor complies with the following:
  - Grantor shall notify the US EPA Region 1, PCB Coordinator in writing of the emergency as soon as possible but no more than three (3) business days after Grantor's having learned of the emergency. (This does not remove Grantor's obligation to notify any other necessary state, local or federal agencies.);
  - Grantor shall limit both the extent and duration of the suspension to the minimum period reasonable and necessary to adequately respond to the emergency;
  - iii Grantor shall implement reasonable measures necessary to prevent actual, potential, present and future risk to human health and the environment resulting from such suspension;
  - iv Grantor shall communicate at the time of written notification to the US EPA its intention to conduct the emergency response actions and provide a schedule to complete the emergency response actions;
  - v Grantor shall continue to implement the emergency response actions, on the schedule submitted to the US EPA, to ensure that the Property is remediated in accordance with the applicable regulations or restored to its condition prior to such emergency; and
  - vi Grantor shall submit to the Department, within ten (10) days after the completion of the emergency response action, a status report describing the emergency activities that have been completed.
- **D. Release of Restriction; Alterations of Subject Area:** The Grantor shall not make, or allow or suffer to be made, any alteration of any kind in, to, or about any portion of the Property inconsistent with this Restriction unless the Grantor has received the US EPA's prior written approval for such alteration. If the US EPA determines that the proposed alteration is significant, the US EPA may require the amendment of this Restriction. Alterations deemed insignificant by the US EPA will be approved via a letter from the US EPA. The US EPA shall not approve any such alteration and shall not release the Property from the provisions of this Restriction unless the Grantor demonstrates to the US EPA's satisfaction that Grantor has managed the Property in accordance with applicable regulations.

- **E.** Notice of Lessees and Other Holders of Interests in the Property: The Grantor, or any future holder of any interest in the Property, shall cause any lease, grant, or other transfer of any interest in the Property to include a provision expressly requiring the lessee, grantee, or transferee to comply with this Restriction. The failure to include such provision shall not affect the validity or applicability of this Restriction to the Property.
- **F.** Enforceability: If any court of competent jurisdiction determines that any provision of this Restriction is invalid or unenforceable, the Grantor shall notify the Department in writing within fourteen (14) days of such determination.
- **G. Binding Effect:** All of the terms, covenants, and conditions of this Restriction shall run with the land and shall be binding on the Grantor, its successors and assigns, and each owner and any other party entitled to control, possession or use of the Property during such period of ownership or possession.
- **H. Inspection & Non-Compliance:** It shall be the obligation of the Grantor, or any future holder of any interest in the Property, to provide for annual inspections of the Property for compliance with the US EPA's requirements.

IN WITNESS WHEREOF, the Grantor has hereunto set (his/her) hand and seal on the day and year set forth above.

oston I	Public Schools		
: _			
	Grantor (signature)		Grantor (typed name)
		Notary Public:	
		My Comm. Expires:	

### **APPENDIX H**

**Additional Limitations** 

### **ADDITIONAL LIMITATIONS**

- 1. The observations described in this Report were made under the conditions stated herein. The conclusions presented in the Report are based solely upon the services described therein and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by Client. The work described in the Report was carried out in accordance with our Proposal and Associated Statement of Standard Terms and Conditions.
- 2. In preparing the Report, Resource Controls has relied on certain information provided by state and local officials and other parties referenced therein and on information contained in the files of state and/or local agencies available to Resource Controls at the time of the site evaluation. Although there may have been some degree of overlap in the information provided by the various sources, Resource Controls did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment.
- 3. Observations and explorations were made of the site as indicated within the Report. Where access to portions of the site were unavailable or limited, Resource Controls renders no opinion as to the presence of hazardous materials, asbestos, lead paint or oil, or to the presence of indirect evidence relating to the same, in that portion of the site or structure. In addition, Resource Controls renders no opinion as to the presence of hazardous materials, lead paint, oil or asbestos or to the presence of indirect evidence relating to hazardous materials, oil, lead paint or asbestos, where direct observation of the interior walls, floor, or ceiling of a structure on a site was obstructed by objects or coverings on or over these structures.
- 4. The purpose of this Report was to assess the physical and chemical characteristics of the subject site with respect to the presence in the environment of hazardous materials, lead paint, asbestos or oil. No specific attempt was made to check the regulatory compliance of present or past owners or operators of the site with federal, state or local laws and regulations, environmental or otherwise.
- 5. Except as noted within the text of this Report, no quantitative laboratory testing was performed as part of this evaluation. Where such analyses have been conducted by an outside laboratory, Resource Controls has relied upon the data provided and has not conducted an independent third party evaluation of the reliability of this data.
- 6. Chemical analyses performed for specific parameters during the course of studies have been used, in part, as a basis for determining the areas of environmental concern. Additional chemical constituents not searched for may be present at the site. Defined areas of environmental concern do not cover the potential additional constituents.
- 7. Governmental agencies' interpretations, requirements and enforcement policies may impact the type and scope of any site remediation required for a site. In addition, statutes, rules and regulations may be legislatively changed and inter-agency and intra-agency policies may be changed from present practice. If such changes occur, it may be necessary to re-evaluate their impact on the scope of any site remediation required.
- 8. Any water level readings made in the test pits, borings and/or wells and were made under the conditions stated on the logs. This data may have been reviewed and interpretations have been made in the text of this Report. However, it must be noted that fluctuations in the level of groundwater may occur due to variations in rainfall, temperature and other factors different from those prevailing at the time measurements were made.